Asbestos & Lead Inspection Report
General Electric – Pittsfield
Building No. 31 (Boiler House)

ATTACHMENT E

LABORATORY REPORTS/CHAIN-OF-CUSTODY (TEM ASBESTOS)

SciLab Job#: **99085590**

Client Name: ATC Associates

Table I
Summary of Bulk Asbestos Analysis Results
01398.00013; BBL/ Bldg #31; Pittsfield, MA

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	05398-00013-15A Roof 1 SW	15	0.391	79.03	2.05	18.93	NAD	NAD
02	05398-00013-15B Roof 2	15	0.392	91.33	1.53	7.14	NAD	NAD
03	05398-00013-15C Roof 3	15	0.437	84.21	1.83	13.96	NAD	NAD
04	05398-00013-15D Roof 4	15	0.365	89.32	5.75	3.93	NAD	Chrysotile <1.0
05	05398-00013-15E Roof 5	15	0.438	82.19	6.39	11.42	NAD	Chrysotile Trace
06	05398-00013-15F Roof 6	15	1.02	68.14	2.25	29.61	NAD	Chrysotile Trace
07	05398-00013-15G Roof 7	15	0.562	82.03	3.20	14.77	NAD	NAD
08	05398-00013-16A Roof 1	16	0.052	61.54	34.62	3.85	NAD	NAD

Reviewed by: _____

PLM analyst: Christine Tappen_____; TEM analyst: AJ Angel_____

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent results for Qualitative PLM or TEM Analysis only; NA = not an
Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM per 40 CFR 763, Subpt F, Appd A; TEM (Semi/Full) by EPA 600/R-93/116; or ELAP 198.1/198.4 ew ork sample
NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <or=1%; Quantitation for beginning weights of <0.1 grams should be consid is ilitative only
Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

SciLab Job#: 99085590

Client Name: ATC Associates

Table I
Summary of Bulk Asbestos Analysis Results
01398.00013; BBL/ Bldg #31; Pittsfield, MA

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
09	05398-00013-16B Roof 4	16	0.142	85.92	7.04	7.04	NAD	NAD
10	05398-00013-17A Roof 1 AHU Suport	17	----	----	----	----	Chrysotile 10.	NA
11	05398-00013-17B Roof 4	17	----	----	----	----	Chrysotile 3.	NA
12	05398-00013-17C Roof 6	17	----	----	----	----	Chrysotile 12.	NA
13	05398-00013-17D Roof 5	17	----	----	----	----	Chrysotile 12.	NA
14	05398-00013-17E Roof 7	17	----	----	----	----	Chrysotile 3.	NA
15	05398-00013-18A Roof 1 SW Perimeter	18	----	----	----	----	Chrysotile 15.	NA
16	05398-00013-18B Roof 2	18	0.008	75.00	12.50	11.50	NAD	Chrysotile <1.0

Reviewed by: _____

PLM analyst: Christine Tappen_____; TEM analyst: AJ Angel_____

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent results for Qualitative PLM or TEM Analysis only; NA = not analyzed;
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Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

SciLab Job#: y908oooy0

Client Name: ATC Associates

Table I
Summary of Bulk Asbestos Analysis Results
01398.00013; BBL/ Bldg #31; Pittsfield, MA

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	05398-00013-18C Roof 3	18	0.359	96.38	2.79	0.84	NAD	NAD
18	05398-00013-18D Roof 4	18	0.041	51.22	43.90	4.88	NAD	NAD
19	05398-00013-18E Roof 5	18	---	---	---	---	Chrysotile 10.	NA
20	05398-00013-18F Roof 6	18	---	---	---	---	Chrysotile 10.	NA
21	05398-00013-19A Roof 1 Under Metal On Parapet	19	0.133	94.74	3.01	2.26	NAD	NAD
22	05398-00013-19B Roof 5 Under Metal On Parapet	19	0.121	97.52	1.65	0.83	NAD	NAD
23	05398-00013-20A Roof1 Stack 1 Breeching (Hatch Door)	20	---	---	---	---	Chrysotile 65.	NA
24	05398-00013-21A Roof 1 Stack 1 Breeching	21	---	---	---	---	NAD	NA

Reviewed by: _____

PLM analyst: Christine Tappen_____; TEM analyst: AJ Angel_____

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent results for Qualitative PLM or TEM Analysis only; NA = not analyzed;
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NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <or=1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative onl
Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

SciLab Job#: >9085570

Client Name: ATC Associates

Table I
Summary of Bulk Asbestos Analysis Results
01398.00013; BBL/ Bldg #31; Pittsfield, MA

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
25	05398-00013-21B Roof 1 Stack 1 Breeching	21	----	----	----	----	NAD	NA
26	05398-00013-21C Roof 1 Stack 1 Breeching	21	----	----	----	----	NAD	NA
27	05398-00013-22A Roof 1 Stack 1 Conveyor Piping	22	----	----	----	----	Chrysotile 25.	NA
28	05398-00013-23A Roof 1 Stack 1 Conveyor Piping	23	----	----	----	----	Chrysotile 25.	NA
29	05398-00013-24A Stack 1 Roof 1 Breeching	24	----	----	----	----	NAD	NA
30	05398-00013-25A Roof 1	25	----	----	----	----	Chrysotile 25.	NA
31	05398-00013-26A Roof 2	26	----	----	----	----	NAD	NA
32	05398-00013-26B Roof 3	26	----	----	----	----	NAD	NA

Reviewed by: _____

PLM analyst: Christine Tappen_____; TEM analyst: AJ Angel_____

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NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <or=1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative on
Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

SciLab Job#: **99085590**

Client Name: ATC Associates

Table I
Summary of Bulk Asbestos Analysis Results
01398.00013; BBL/ Bldg #31; Pittsfield, MA

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
33	05398-00013-27A Roof 2	27	----	----	----	----	Chrysotile 10.	NA
34	05398-00013-27B Roof 6	27	----	----	----	----	Chrysotile 10.	NA
35	05398-00013-28A Roof 2	28	----	----	----	----	Chrysotile 5.	NA
36	05398-00013-29A Roof 2	29	----	----	----	----	Chrysotile 12.	NA
37	05398-00013-30A Roof 2	30	----	----	----	----	Chrysotile 18.	NA
38	05398-00013-30B Roof 3	30	----	----	----	----	Chrysotile 3.	NA
39	05398-00013-31A Overhang At West Entry	31	----	----	----	----	Chrysotile 2.	NA
40	05398-00013-32A Overhang At West Entry	32	----	----	----	----	Chrysotile 12.	NA

Reviewed by: _____

PLM analyst: Christine Tappen_____; TEM analyst: AJ Angel_____

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SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
41	05398-00013-33A Roof 2	33	----	----	----	----	NAD	NA
42	05398-00013-34A Roof 4	34	0.189	45.50	6.88	45.62	NAD	Chrysotile 2.0
43	05398-00013-34B Roof 4	34	0.206	54.37	11.17	34.47	NAD	NA/PS
44	05398-00013-35A Roof 5	35	----	----	----	----	NAD	NA
45	05398-00013-36A Roof 5	36	0.734	77.52	3.54	18.94	NAD	Chrysotile Trace
46	05398-00013-37A At Base Of Stack 3 Roof 5	37	----	----	----	----	Chrysotile 10.	NA
47	05398-00013-38A Roof 5	38	0.702	53.13	3.13	42.73	NAD	Chrysotile <1.0
48	05398-00013-39A On Stairwell Enclosure Roof 5	39	----	----	----	----	Chrysotile 12.	NA

Reviewed by: _____

PLM analyst: Christine Tappen_____; TEM analyst: AJ Angel_____

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent results for Qualitative PLM or TEM Analysis only; NA = not analyzed;
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Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

SciLab Job#: 99065590

Client Name: ATC Associates

Table I
Summary of Bulk Asbestos Analysis Results
01398.00013; BBL/ Bldg #31; Pittsfield, MA

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
49	05398-00013-40A Roof 6 Stack 2 Breeching	40	---	---	---	---	Chrysotile 65.	NA

Reviewed by: _____

PLM analyst: Christine Tappen_____; TEM analyst: AJ Angel_____

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent results for Qualitative PLM or TEM Analysis only; NA = not analyzed;
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Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

Woburn, MA 01801
Phone (781) 933-5074 Fax (781) 938-1487

Please Circle Desired Turn Around Time
3 Hour | Same Day | 24 Hour | 48 Hour | 3 Days | 5 Days | Standard 10 Days

Branch & Office #: [illegible]
Qty Recv'd: 49 Rate:$
Requested Completion Date: 8/4/99
Project #: 013980013
Supplemental #:
Project Manager: DERRICK WISSMAN

Address: PITTSFIELD, MA
Sampled By/Date: ADAM LEVKO/8/4/99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Comments/Special Instructions: ANALYZE ALL SAMPLES

Analyzed By:
Date: Lab QC Approval By:

99085590

Lab ID	Field ID	Description	Visual: Color	Visual: Homogenity	Visual: Texture	Visual: Friable	Visual: Estimated % Asbestos	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indices: OIL	Refractive Indices: Fibers II	Refractive Indices: Fibers ⊥	% Asbestos Fibers Present: Chrysotile	% Asbestos Fibers Present: Amosite	% Asbestos Fibers Present: Crocidolite	% Asbestos Fibers Present: Tremolite	% Asbestos Fibers Present: Anthophyllite	% Asbestos Fibers Present: Actinolite	% Non Asbestos Present: Fiberglass	% Non Asbestos Present: Mineral Wool	% Non Asbestos Present: Cellulose	% Non Asbestos Present: Hair	Birefringence: Synthetic	Birefringence: Other	Birefringence: Non Fibrous	Asbestos Detected: Yes / No
	01398 00013-15A	BLACK TAR/FELT ROOFING MATERIAL Roof 1 SW											1.550 / 1.680																
	01398 00013-15B	BLACK TAR/FELT ROOFING MATERIAL Roof 2											1.550 / 1.680																
	01398 00013-15C	BLACK TAR/FELT ROOFING MATERIAL Roof 3											1.550 / 1.680																
	01398 00013-15D	BLACK TAR/FELT ROOFING MATERIAL Roof 4											1.550 / 1.680																
	01398 00013-15E	BLACK TAR/FELT ROOFING MATERIAL Roof 5											1.550 / 1.680																
	0139B 00013-15F	BLACK TAR/FELT ROOFING MATERIAL Roof 6											1.550 / 1.680																

Relinquished By/Date: 8/5/99
Received By/Date: 1045 8/6/99

Relinquished By/Date
Received By/Date

600 West Cummings Park, Suite 1900
Woburn, MA 01801
Phone (781) 933-5074 Fax (781) 938-1487

Please Circle Desired Turn Around Time
3 Hour | Same Day | 24 Hour | 48 Hour | 3 Days | 5 Days | Standard 10 Days

Branch & Office #: ELM 81
Qty Recv'd: 49 Rate:$
Requested Completion Date: 8/9/99
Project # 013980013
Supplemental #:
Project Manager: DERRICK WISSMAN

Client/Project: BBL / BLDG #21
Address: PITTSFIELD, MA

Sampled By/Date: Arsenault 8/4/99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Comments/Special Instructions: ANALYZE ALL SAMPLES

Analyzed By:
Date: Lab QC Approval By:

99085590

Lab ID	Field ID	Description	Visual: Color	Visual: Homogenity	Visual: Texture	Visual: Friable	Visual: Estimated % Asbestos	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indices: OIL	Refractive Indices: Fibers II	Refractive Indices: Fibers ⊥	% Asbestos Fibers Present: Chrysotile	% Asbestos Fibers Present: Amosite	% Asbestos Fibers Present: Crocidolite	% Asbestos Fibers Present: Tremolite	% Asbestos Fibers Present: Anthophyllite	% Asbestos Fibers Present: Actinolite	% Non Asbestos Present / Birefringence: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non Fibrous	Asbestos Detected: Yes / No
	01398 00013- 15G	BLACK TAR / FELT ROOFING MATERIAL Roof 7											1.550 / 1.680																
	01398 00013- 16A	BROWN ROOFING PAPER / Roof 1											1.550 / 1.680																
	01398 00013- 16B	BROWN ROOFING PAPER / Roof 4											1.550 / 1.680																
	01398 00013- 17A	BLACK ROOFING SEALANT / Roof 1 AHU SUPPORT											1.550 / 1.680																
	01398 00013- 17B	BLACK ROOFING SEALANT, Roof 4											1.550 / 1.680																
	0138 00013- 17C	BLACK ROOFING SEALANT / Roof 6											1.550 / 1.680																

Relinquished By/Date: 8/5/99
Received By/Date: 1045 8/6/99

Relinquished By/Date
Received By/Date

600 West Cummings Park, Suite 1900
Woburn, MA 01801
Phone (781) 933-5074 Fax (781) 938-1487

Please Circle Desired Turn Around Time

3 Hour | Same Day | 24 Hour | **48 Hour** | 3 Days | 5 Days | Standard 10 Days

Branch & Office #: ELM 81
Qty Recv'd: 49 Rate:$
Requested Completion Date: 8/9/99
Project #: 01398000013
Supplemental #:
Project Manager: DERRICK WISSMAN

Client/Project: BBL / BLDG #21
Address: PITTSFIELD, MA

Sampled By/Date: ADAM LESKO 8/4/99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Comments/Special Instructions: ANALYZE ALL SAMPLES

Analyzed By:
Date: Lab QC Approval By:

9085590

Lab ID	Field ID	Description	Visual: Color	Visual: Homogenity	Visual: Texture	Visual: Friable	Visual: Estimated % Asbestos	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indices: OIL	Refractive Indices: Fibers	% Asbestos Fibers Present: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	% Non Asbestos Present: Fiberglass	Mineral Wool	Cellulose	Hair	Birefringence: Synthetic	Other	Non Fibrous	Asbestos Detected: Yes / No
	01398 00013- 17D	BLACK ROOFING SEALANT / Roof 5											1.550 / 1.680															
	01398 00013- 17E	BLACK ROOFING SEALANT / Roof 7											1.550 / 1.680															
	01398 00013- 18A	FLASHING / Roof 1 SW PERIMETER											1.550 / 1.680															
	01398 00013- 18B	FLASHING / Roof 2											1.550 / 1.680															
	01398 00013- 18C	FLASHING / Roof 3											1.550 / 1.680															
	0398 00013- 18D	FLASHING / Roof 4											1.550 / 1.680															

Relinquished By/Date: [illegible] 8/5/99
Received By/Date: ONT 1045 8/6/99

Relinquished By/Date:
Received By/Date:

600 West Cummings Park, Suite 1900
Woburn, MA 01801
Phone (781) 933-5074 Fax (781) 938-1487

Please Circle Desired Turn Around Time
3 Hour | Same Day | 24 Hour | 48 Hour | 3 Days | 5 Days | Standard 10 Days

Branch & Office #: ELM 81
Qty Recv'd: 49 Rate:$
Requested Completion Date: 8/9/99
Project # 013980013
Supplemental #:
Project Manager: DERRICK WISSMAN

Client/Project: BBL / BLDG #31
Address: PITTSFIELD, MA
Sampled By/Date: ADAM LESKU 8/4/99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Comments/Special Instructions: ANALYZE ALL SAMPLES

Analyzed By:
Date: Lab QC Approval By:

Lab ID	Field ID 99085590	Description	Visual: Color	Homogeneity	Texture	Friable	Estimated % Asbestos	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Refractive Indices: OIL	Fibers	II	% Asbestos Fibers Present: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	% Non Asbestos Present: Fiberglass	Mineral Wool	Cellulose	Hair	Birefringence: Synthetic	Other	Non Fibrous	Asbestos Detected Yes / No
	01398 00013- 18E	FLASHING / Roof 5											1.550 / 1.680																
	01398 00013- 18F	FLASHING / Roof 6											1.550 / 1.680																
	01398 00013- 19A	BLACK ROOFING PAPER / Roof 1 - UNDER METAL ON PARAPIT											1.550 / 1.680																
	01398 00013- 19B	BLACK ROOFING PAPER / Roof 5 - UNDER METAL ON PARAPIT											1.550 / 1.680																
	01398 00013- 20A	ROPE GASKET I / Roof 1 - STACK 1 BREECHING (HATCH DOOR)											1.550 / 1.680																
	0398 00013- 21A	WHITE INSULATION / Roof 1 - STACK 1 BREECHING											1.550 / 1.680																

Relinquished By/Date: Adam Lesku 8/5/99
Received By/Date: CMH 1045 8/6/99
Relinquished By/Date:
Received By/Date:

Woburn, MA 01801
Phone (781) 933-5074 Fax (781) 938-1487

Please Circle Desired Turn Around Time
3 Hour | Same Day | 24 Hour | 48 Hour | 3 Days | 5 Days | Standard 10 Days

Analyzed By: _____

Branch & Office #: ELMWOOD
Qty Recv'd: 49 Rate:$ _____
Requested Completion Date: 8/9/99
Project #: 013980013
Supplemental #: _____
Project Manager: DERRICK WISSMAN

Client Project: _____
Address: PITTSFIELD, MA

Sampled By/Date: Adam Lesko/8/4/99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Comments/Special Instructions: ANALYZE ALL SAMPLES

Date: _____ Lab QC Approval By: _____

99085590

Lab ID	Field ID	Description	Visual: Color	Homogeneity	Texture	Friable	Estimated % Asbestos	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Refractive Indices: OIL	Fibers		% Asbestos Fibers Present: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	% Non Asbestos Present: Fiberglass	Mineral Wool	Cellulose	Hair	Birefringence: Synthetic	Other	Non Fibrous	Asbestos Detected: Yes / No
	01398 00013-21B	WHITE INSULATION / ROOF 1 - STACK 1 BREECHING											1.550 / 1.680															
	01398 00013-21C	WHITE INSULATION / ROOF 1 - STACK 1 BREECHING											1.550 / 1.680															
	01398 00013-22A	ROPE GASKET II / ROOF 1 - STACK 1 CONVEYOR PIPING											1.550 / 1.680															
	01398 00013-23A	GRAY GASKET PACKING ROOF 1 - STACK 1 CONVEYOR PIPING											1.550 / 1.680															
	01398 00013-24A	STACK 1 BREECHING SOOT / ROOF 1 - STACK 1 BREECHING											1.550 / 1.680															
	0138 00013-25A	HONEYCOMB INSULATION DEBRIS / ROOF 1											1.550 / 1.680															

Relinquished By/Date: Adam Lesko 8/5/99
Received By/Date: (CNA) 1045 8/6/99

Relinquished By/Date: _____
Received By/Date: _____

Woburn, MA 01801
Phone (781) 933-5074 Fax (781) 938-1487

Please Circle Desired Turn Around Time
3 Hour | Same Day | 24 Hour | 48 Hour | 3 Days | 5 Days | Standard 10 Days

Branch & Office #: ELM 21
Qty Recv'd: 49 Rate: $
Requested Completion Date: 8/9/99
Project #: 0139800013
Supplemental #:
Project Manager: DERRICK WISSMAN

Client Project: [illegible] 21
Address: PITTSFIELD, MA

Sampled By/Date: Adam Lesko / 8/4/99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Comments/Special Instructions: ANALYZE ALL SAMPLES

Analyzed By: Date: Lab QC Approval By:

99085590

Lab ID	Field ID	Description	Visual: Color	Visual: Homogenity	Visual: Texture	Visual: Friable	Visual: Estimated % Asbestos	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indices: OIL	Refractive Indices: Fibers II	Refractive Indices: Fibers ⊥	% Asbestos Fibers Present: Chrysotile	% Asbestos Fibers Present: Amosite	% Asbestos Fibers Present: Crocidolite	% Asbestos Fibers Present: Tremolite	% Asbestos Fibers Present: Anthophyllite	% Asbestos Fibers Present: Actinolite	% Non Asbestos Present: Fiberglass	% Non Asbestos Present: Mineral Wool	% Non Asbestos Present: Cellulose	% Non Asbestos Present: Hair	% Non Asbestos Present: Synthetic	% Non Asbestos Present: Other	% Non Asbestos Present: Non Fibrous	Birefringence: Asbestos Detected: Yes / No
	01398 00013-26A	WHITE ROOFING SUBSTRATE/ Roof 2											1.550 1.680																
	01398 00013-26B	WHITE ROOFING SUBSTRATE/ Roof 3											1.550 1.680																
	01398 00013-27A	TAR COAT ON VENTS / Roof 2											1.550 1.680																
	01398 00013-27B	TAR COAT ON VENTS / Roof 6											1.550 1.680																
	01398 00013-28A	ROOFING PATCH/ Roof 2											1.550 1.680																
	0139 00013-29A	ROOFING PATCH SEALANT/ Roof 2											1.550 1.680																

Relinquished By/Date: Adam Lesko 8/5/99
Received By/Date: [illegible] 1046 8/6/99

Relinquished By/Date:
Received By/Date:

[redacted]
Woburn, MA 01801
Phone (781) 933-5074 Fax (781) 938-1487

Please Circle Desired Turn Around Time
3 Hour | Same Day | 24 Hour | 48 Hour | 3 Days | 5 Days | Standard 10 Days

Branch & Office #: ELM 81
Qty Recv'd: 49 Rate:$
Requested Completion Date: 8/9/99
Project #: 013980013
Supplemental #:
Project Manager: DERRICK WISSMAN

Client Project: [redacted]
Address: PITTSFIELD, MA

Sampled By/Date: ADAM LESKO 8/4/99
Results to: DERRICK WISSMAN
Phone #: 413-525-1998
Fax #: 413-525-8227

Comments/Special Instructions: ANALYTICAL SAMPLES

Analyzed By:
Date: Lab QC Approval By:

99085590

Lab ID	Field ID	Description	Visual: Color	Visual: Homogenity	Visual: Texture	Visual: Friable	Visual: Estimated % Asbestos	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indices: OIL	Refractive Indices: Fibers	% Asbestos Fibers Present: Chrysotile	% Asbestos Fibers Present: Amosite	% Asbestos Fibers Present: Crocidolite	% Asbestos Fibers Present: Tremolite	% Asbestos Fibers Present: Anthophyllite	% Asbestos Fibers Present: Actinolite	% Non Asbestos Present: Fiberglass	% Non Asbestos Present: Mineral Wool	% Non Asbestos Present: Cellulose	% Non Asbestos Present: Hair	Birefringence: Synthetic	Birefringence: Other	% Non Asbestos Present: Non Fibrous	Asbestos Detected Yes / No
	0398 00013-30A	CAULK ON METAL TRIM / Roof 2											1.550 1.680															
	01398 00013-30B	CAULK ON METAL TRIM / Roof 3											1.550 1.680															
	01398 00013-31A	Roofing SHINGLE / OVERHANG AT WEST ENTRY											1.550 1.680															
	01398 00013-32A	FLASHING II / OVERHANG AT WEST ENTRY											1.550 1.680															
	01398 00013-33A	BROWN PRESSBOARD Roofing MATERIAL / Roof 2											1.550 1.680															
	0398 00013-34A	Roofing PATCH II / Roof 4											1.550 1.680															

Relinquished By/Date: [redacted] 8/5/99
Received By/Date: [redacted] 1045 8/6/99

Relinquished By/Date:
Received By/Date:

Woburn, MA 01801
Phone (781) 933-5074 Fax (781) 938-1487

Please Circle Desired Turn Around Time
3 Hour | Same Day | 24 Hour | 48 Hour | 3 Days | 5 Days | Standard 10 Days

Branch & Office #: ELM 01
Qty Recv'd: 47 Rate:$
Requested Completion Date: 8/9/99
Project #: 013980013
Supplemental #:
Project Manager: DERRICK WISSMAN

Client Project: 013 / 02 - 01
Address: PITTSFIELD, MA

Sampled By/Date: ADAM LESKO 8/9/99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Comments/Special Instructions: ANALYZE ALL SAMPLES

Analyzed By:
Date: Lab QC Approval By:

99085590

Lab ID	Field ID	Description	Visual: Color	Visual: Homogeneity	Visual: Texture	Visual: Friable	Visual: Estimated % Asbestos	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indices: OIL	Refractive Indices: Fibers II	Refractive Indices: Fibers ⊥	% Asbestos Fibers Present: Chrysotile	% Asbestos Fibers Present: Amosite	% Asbestos Fibers Present: Crocidolite	% Asbestos Fibers Present: Tremolite	% Asbestos Fibers Present: Anthophyllite	% Asbestos Fibers Present: Actinolite	% Non Asbestos Present: Fiberglass	% Non Asbestos Present: Mineral Wool	% Non Asbestos Present: Cellulose	% Non Asbestos Present: Hair	% Non Asbestos Present: Synthetic	% Non Asbestos Present: Other	% Non Asbestos Present: Non Fibrous	Birefringence	Asbestos Detected: Yes / No
	01398 00013 34B	ROOFING PATCH II Roof 4											1.550 / 1.680																	
	01398 00013 35A	BLACK/BROWN ROOFING SUBSTRATE Roof 5											1.550 / 1.680																	
	01398 00013 36A	BLACK TAR/FELT ROOFING MATERIAL II / Roof 5											1.550 / 1.680																	
	01398 00013 37A	GRAY SEALANT (AT BASE OF STACK 3) Roof 5											1.550 / 1.680																	
	01398 00013 38A	ROOFING PATCH III Roof 5											1.550 / 1.680																	
	01398 00013 39A	GREY SEALANT ON STAIRWELL ENCLOSURE / Roof 5											1.550 / 1.680																	

Relinquished By/Date: [illegible] 8/5/99
Received By/Date: CMA 1045 8/6/99

Relinquished By/Date
Received By/Date

Woburn, MA 01801
Phone (781) 933-5074 Fax (781) 938-1487

Please Circle Desired Turn Around Time
3 Hour | Same Day | 24 Hour | 48 Hour | 3 Days | 5 Days | Standard 10 Days

Branch & Office #: ELM81
Qty Recv'd: 47 Rate: $
Requested Completion Date: 8/5/99
Project #: 01398C0013
Supplemental #:
Project Manager: DERRICK WISSMAN

Client/Project: [illegible]
Address: PITTSFIELD, MA

Sampled By/Date: ADAM LESKO 8/4/99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Comments/Special Instructions: ANALYZE ALL SAMPLES

Analyzed By: Date: Lab QC Approval By:

99085590

Lab ID	Field ID	Description	Visual: Color	Homogeneity	Texture	Friable	Estimated % Asbestos	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Refractive Indices: OIL	Fibers: II	⊥	% Asbestos Fibers Present: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	% Non Asbestos Present: Fiberglass	Mineral Wool	Cellulose	Hair	Birefringence: Synthetic	Other	Non Fibrous	Asbestos Detected Yes / No
	01398 C0013 40A	BREECHING GASKET Roof 6 - STACK 2 BREECHING											1.550 / 1.680																
	01398 C0013												1.550 / 1.680																
	01398 C0013												1.550 / 1.680																
	01398 C0013												1.550 / 1.680																
	01398 C0013												1.550 / 1.680																
	01398 C0013												1.550 / 1.680																

Relinquished By/Date: [illegible] 8/5/99
Received By/Date: [illegible] 1045 8/6/99
Relinquished By/Date:
Received By/Date:

SciLab Job#: 99033591

Client Name: ATC Associates

Table I
Summary of Bulk Asbestos Analysis Results
01398.00013; BBL/Bldg #31; Pittsfield, MA

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	01398-00013-41A (Main Bldg) NW Corner	41	----	----	----	----	NAD	NA
02	01398-00013-41B (Main Bldg) W. Wall	41	----	----	----	----	Chrysotile 6.	NA
03	01398-00013-41C (Main Bldg) N. Wall	41	----	----	----	----	NA/PS	NA
04	01398-00013-42A (Main Bldg)	42	----	----	----	----	NAD	NA
05	01398-00013-42B (Main Bldg)	42	----	----	----	----	NAD	NA
06	01398-00013-42C (Main Bldg)	42	----	----	----	----	Chrysotile 5.7	NA
07	01398-00013-43A Transite Window Panel	43	----	----	----	----	Chrysotile 20.	NA
08	01398-00013-44A By NW Door	44	----	----	----	----	NAD	NA

Reviewed by: _____

PLM analyst: Costi Ilies/Christine Tappen_____; TEM analyst: Paul Mucha_____

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent results for Qualitative PLM or TEM Analysis only; NA = not analyzed;
Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM per 40 CFR 763, Subpt F, Appd A; TEM (Semi/Full) by EPA 600/R-93/116; or ELAP 198.1/198.4 for New York sampl
NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <or=1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative on
Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

SciLab Job#: **99085591**

Client Name: ATC Associates

Table I
Summary of Bulk Asbestos Analysis Results
01398.00013; BBL/Bldg #31; Pittsfield, MA

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
09	01398-00013-44B NE Corner Bay Door	44	----	----	----	----	NAD	NA
10	01398-00013-44C By Stack 1 Near Large Vents	44	----	----	----	----	NAD	NA
11	01398-00013-44D S. Wall By Double Doors	44	----	----	----	----	NAD	NA
12	01398-00013-44E Wall Near Stack 1	44	----	----	----	----	NAD	NA
13	01398-00013-44F W. Wall By Stairs To Door	44	----	----	----	----	NAD	NA
14	01398-00013-44G N. Wall (Over Concrete)	44	----	----	----	----	NAD	NA
15	01398-00013-45A Cube Window	45	----	----	----	----	Chrysotile 10.	NA
16	01398-00013-46A Cube Windows	46	----	----	----	----	Chrysotile 12.	NA

Reviewed by: _____

PLM analyst: Costi Ilies/Christine Tappen_____; TEM analyst: Paul Much_____

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent results for Qualitative PLM or TEM Analysis only; NA = not analyzed;
Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM per 40 CFR 763, Subpt F, Appd A; TEM (Semi/Full) by EPA 600/R-93/116; or ELAP 198.1/198.4 for New York samples
NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <or=1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only
Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

SciLab Job#: >908>>>1

Client Name: ATC Associates

Table I
Summary of Bulk Asbestos Analysis Results
01398.00013; BBL/Bldg #31; Pittsfield, MA

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	01398-00013-47A N. Control Room	47	0.386	70.21	3.37	26.42	NAD	NAD
18	01398-00013-48A On Compressor Piping	48	---	---	---	---	Chrysotile 8.5	NA
19	01398-00013-49A On Compressor Piping	49	---	---	---	---	NAD	NA
20	01398-00013-50A North Side	50	0.048	91.67	2.08	6.25	NAD	Chrysotile Trace
21	01398-00013-51A (Behind Metal Jacket North - Stack 3)	51	---	---	---	---	NAD	NA
22	01398-00013-51B (Behind Metal Jacket North Stack 3)	51	---	---	---	---	NAD	NA
23	01398-00013-51C (Behind Metal Jacket North Stack 3)	51	---	---	---	---	NAD	NA
24	01398-00013-52A North Under Railroad	52	0.439	70.39	3.87	22.74	NAD	Chrysotile 3.0

Reviewed by: _____

PLM analyst: Costi Ilies/Christine Tappen_____; TEM analyst: Paul Mucha_____

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent results for Qualitative PLM or TEM Analysis only; NA = not analyzed;
Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM per 40 CFR 763, Subpt F, Appd A; TEM (Semi/Full) by EPA 600/R-93/116; or ELAP 198.1/198.4 for New York samples
NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <or=1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only
Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

SciLab Job#: 99085591

Client Name: ATC Associates

Table I
Summary of Bulk Asbestos Analysis Results
01398.00013; BBL/Bldg #31; Pittsfield, MA

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
25	01398-00013-53A Exterior - North On Stack 3	53	----	----	----	----	Chrysotile 20.	NA
26	01398-00013-54A Exterior Office Area	54	0.645	13.80	76.12	10.08	NAD	NAD
27	01398-00013-54B Office Area South	54	0.632	12.50	38.92	48.58	NAD	NAD
28	01398-00013-55A Exterior Office Area (Window South)	55	----	----	----	----	Chrysotile 3.	NA
29	01398-00013-55B Exterior Office Area (East Door)	55	----	----	----	----	NA/PS	NA
30	01398-00013-56A Exterior Penthouse	56	----	----	----	----	Chrysotile 10.	NA
31	01398-00013-56B Exterior Penthouse East	56	----	----	----	----	NA/PS	NA
32	01398-00013-56C Exterior Penthouse NW	56	----	----	----	----	NA/PS	NA

Reviewed by: _____

PLM analyst: Costi Ilies/Christine Tappen_____; TEM analyst: Paul Mucha_____

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent results for Qualitative PLM or TEM Analysis only; NA = not analyzed;
Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM per 40 CFR 763, Subpt F, Appd A; TEM (Semi/Full) by EPA 600/R-93/116; or ELAP 198.1/198.4 for New York samples
NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <or=1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only
Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

SciLab Job#: [illegible]

Client Name: ATC Associates

Table I
Summary of Bulk Asbestos Analysis Results
01398.00013; BBL/Bldg #31; Pittsfield, MA

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
33	01398-00013-57A Exterior Penthouse	57	----	----	----	----	Chrysotile 20.	NA
34	01398-00013-58A Exterior Penthouse	58	----	----	----	----	NAD	NA
35	01398-00013-58B Exterior Penthouse	58	----	----	----	----	NAD	NA
36	01398-00013-59A Penthouse South	59	0.682	7.77	61.29	30.94	Chrysotile Trace	Chrysotile Trace
37	01398-00013-60A Exterior Penthouse	60	----	----	----	----	Chrysotile 20.	NA
38	01398-00013-61A Exterior Conveyor Bunker	61	----	----	----	----	Chrysotile 22.	NA
39	01398-00013-61B Exterior Conveyor Bunker	61	----	----	----	----	NA/PS	NA

Reviewed by: _____

PLM analyst: Costi Ilies/Christine Tappen_____; TEM analyst: Paul Mucha_____

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent results for Qualitative PLM or TEM Analysis only; NA = not analyzed; Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM per 40 CFR 763, Subpt F, Appd A; TEM (Semi/Full) by EPA 600/R-93/116; or ELAP 198.1/198.4 for New York samples NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <or=1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

[redacted]
Woburn, MA 01801
Phone (781) 933-5074 Fax (781) 938-1487

Please Circle Desired Turn Around Time
3 Hour | Same Day | 24 Hour | (48 Hour) | 3 Days | 5 Days | Standard 10 Days

Branch & Office #: ELM01
Qty Recv'd: 39 Rate: $
Requested Completion Date: 8/9/99
Project #: 013980000013
Supplemental #:
Project Manager: DERRICK WISSMAN

Client Project: [redacted]
Address: PITTSFIELD, MA

Sampled By/Date: ADAM LESICO / 8.5.99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Comments/Special Instructions: STOP AT FIRST POSITIVE

Analyzed By: Date: Lab QC Approval By:

99085591

Lab ID	Field ID	Description	Visual: Color	Homogenity	Texture	Friable	Estimated % Asbestos	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Refractive Indices: OIL	Fibers: II	Fibers: ⊥	% Asbestos Fibers Present: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	% Non Asbestos Present: Fiberglass	Mineral Wool	Cellulose	Hair	Birefringence: Synthetic	Other	Non Fibrous	Asbestos Detected Yes / No
	013980 00013 41A	INTERIOR WINDOW GLAZE (MAIN BLDG) NW CORNER											1.550 / 1.680															
	013980 00013 41B	INTERIOR WINDOW GLAZE (MAIN BLDG) W. WALL											1.550 / 1.680															
	013980 00013 41C	INTERIOR WINDOW GLAZE (MAIN BLDG) N. WALL											1.550 / 1.680															
	013980 00013 42A	EXTERIOR WINDOW CAULK (MAIN BLDG)											1.550 / 1.680															
	013980 00013 42B	EXTERIOR WINDOW CAULK (MAIN BLDG)											1.550 / 1.680															
	013980 00013 42C	~~TRANSITE~~ EXTERIOR WINDOW ~~FAILED~~ B13 CAULK (MAIN BLDG)											1.550 / 1.680															

Relinquished By/Date: Adam Lesico 8/6/99
Received By/Date: (CM) 1045 8/6/99
Relinquished By/Date:
Received By/Date:

Woburn, MA 01801
Phone (781) 933-5074 Fax (781) 938-1487

Please Circle Desired Turn Around Time
3 Hour | Same Day | 24 Hour | (48 Hour) | 3 Days | 5 Days | Standard 10 Days

Branch & Office #: CLM81
Qty Recv'd: 39 Rate: $
Requested Completion Date: 8/9/99
Project #: 01398C00013
Supplemental #:
Project Manager: DERRICK WISSMAN

Client Project: [illegible]
Address: PITTSFIELD, MA

Sampled By/Date: ADAM LESKO / 8.5.99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Comments/Special Instructions: STOP AT FIRST POSITIVE

Analyzed By: [illegible]
Date: Lab QC Approval By:

Lab ID	Field ID	Description	Visual: Color	Visual: Homogeneity	Visual: Texture	Visual: Friable	Visual: Estimated % Asbestos	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indices: OIL	Refractive Indices: Fibers	% Asbestos Fibers Present: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	% Non Asbestos Present: Fiberglass	Mineral Wool	Cellulose	Hair	Birefringence: Synthetic	Other	Non Fibrous	Asbestos Detected Yes / No
	01398 00013 43A	TRANSITE WINDOW PANEL											1.550 / 1.680															
	01398 00013 44A	GRAY INDUSTRIAL COAT By NW DOOR											1.550 / 1.680															
	01398 00013 44B	GRAY INDUSTRIAL COAT - By NE CORNER BAY DOOR											1.550 / 1.680															
	01398 00013 44C	GRAY INDUSTRIAL COAT - By STACK 1, NEAR LARGE VENTS											1.550 / 1.680															
	01398 00013 44D	GRAY INDUSTRIAL COAT - S. WALL By DOUBLE DOORS											1.550 / 1.680															
	01398 00013 44E	GRAY INDUSTRIAL COAT - [illegible] WALL NEAR STACK 1											1.550 / 1.680															

Relinquished By/Date: Adam Lesko 8/6/99
Received By/Date: [illegible] 1045 8/6/99

Relinquished By/Date:
Received By/Date:

600 West Cummings Park Suite 190
Woburn, MA 01801
Phone (781) 933-5074 Fax (781) 938-1487

Please Circle Desired Turn Around Time
3 Hour | Same Day | 24 Hour | (48 Hour) | 3 Days | 5 Days | Standard 10 Days

Branch & Office #: Elm01
Qty Recv'd: 39 Rate:$
Requested Completion Date: 8/9/99
Project #: 01398C0013
Supplemental #:
Project Manager: DERRICK WISSMAN

Client/Project: [illegible]
Address: PITTSFIELD, MA

Sampled By/Date: ADAM LESKO 8.5.99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Comments/Special Instructions: STOP AT FIRST POSITIVE
Date: Lab QC Approval By:

Analyzed By: 99085591

Lab ID	Field ID	Description	Visual: Color	Homogeneity	Texture	Friable	Estimated % Asbestos	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Refractive Indices: OIL	Fibers: II	Fibers: ⊥	% Asbestos Fibers Present: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	% Non Asbestos Present: Fiberglass	Mineral Wool	Cellulose	Hair	Birefringence: Synthetic	Other	Non Fibrous	Asbestos Detected Yes / No
	01398 00013 44F	GRAY INDUSTRIAL COAT - W. WALL BY STAIRS TO DOOR											1.550 / 1.680																
	01398 00013 44G	GRAY INDUSTRIAL COAT - N. WALL (OVER CONCRETE)											1.550 / 1.680																
	01398 00013 45A	EXTERIOR WINDOW CAULK II / CUBE WINDOWS											1.550 / 1.680																
	01398 00013 46A	INTERIOR WINDOW CAULK II / CUBE WINDOWS											1.550 / 1.680																
	01398 00013 47A	GRAY EXTERIOR WINDOW CAULK/ N. CONTROL ROOM											1.550 / 1.680																
	01398 00013 48A	CAULK ON COMPRESSOR PIPING											1.550 / 1.680																

Relinquished By/Date: [illegible] 8/9/99
Received By/Date: [illegible] 1045 8/9/99

Relinquished By/Date:
Received By/Date:

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Branch & Office #: CLM01
Qty Recv'd: 39 Rate: $
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Site Address: PITTSFIELD, MA

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Analyzed By: Date: Lab QC Approval By:

99085591

Lab ID	Field ID	Description	Visual: Color	Visual: Homogenity	Visual: Texture	Visual: Friable	Visual: Estimated % Asbestos	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indices: OIL	Refractive Indices: Fibers	% Asbestos Fibers Present: Chrysotile	% Asbestos Fibers Present: Amosite	% Asbestos Fibers Present: Crocidolite	% Asbestos Fibers Present: Tremolite	% Asbestos Fibers Present: Anthophyllite	% Asbestos Fibers Present: Actinolite	% Non Asbestos Present: Fiberglass	% Non Asbestos Present: Mineral Wool	% Non Asbestos Present: Cellulose	% Non Asbestos Present: Hair	Birefringence: Synthetic	Birefringence: Other	Birefringence: Non Fibrous	Asbestos Detected Yes / No
	01398 00013 49A	GASKET ON COMPRESSOR PIPING											1.550 / 1.680	II														
	01398 00013 50A	TAR PIPE WRAP/ NORTH SIDE											1.550 / 1.680															
	01398 00013 51A	BOILER BREECHING INSULATION/ (BEHIND METAL JACKET) NORTH - STACK 3											1.550 / 1.680															
	01398 00013 51B	BOILER BREECHING INSULATION/ (BEHIND METAL JACKET) NORTH - STACK 3											1.550 / 1.680															
	01398 00013 51C	BOILER BREECHING INSULATION/ (BEHIND METAL JACKET) NORTH - STACK 3											1.550 / 1.680															
	01398 00013 52A	TAR PAPER ON HATCH/ NORTH UNDER RAILROAD											1.550 / 1.680															

Relinquished By/Date: 5/8/99
Received By/Date: 8/6/99

Relinquished By/Date:
Received By/Date:

800 West Cummings [illegible] 196
Woburn, MA 01801
Phone (781) 933-5074 Fax (781) 938-1487

Please Circle Desired Turn Around Time
3 Hour | Same Day | 24 Hour | 48 Hour | 3 Days | 5 Days | Standard 10 Days

Branch & Office #: ELM 01
Qty Recv'd: 39 Rate: $
Requested Completion Date: 8/9/99
Project #: 013980C0013
Supplemental #:
Project Manager: DERRICK WISSMAN

Client/Project: [illegible]
Address: PITTSFIELD, MA

Sampled By/Date: ADAM LESKO 8.5.99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Comments/Special Instructions: STOP AT FIRST POSITIVE

Analyzed By: Date: Lab QC Approval By:

99085591

Lab ID	Field ID	Description	Visual: Color	Homogeneity	Texture	Friable	Estimated % Asbestos	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Refractive Indices: OIL	Fibers: ‖	Fibers: ⊥	% Asbestos Fibers Present: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	% Non Asbestos Present: Fiberglass	Mineral Wool	Cellulose	Hair	Birefringence: Synthetic	Other	Non Fibrous	Asbestos Detected Yes / No
	01398 00013 53A	HATCH GASKET / EXTERIOR - NORTH ON STACK 3											1.550 / 1.680																
	01398 00013 54A	WHITE EXTERIOR WINDOW GLAZE / EXTERIOR OFFICE AREA											1.550 / 1.680																
	01398 00013 54B	WHITE EXTERIOR WINDOW GLAZE / OFFICE AREA SOUTH											1.550 / 1.680																
	01398 00013 55A	WHITE CAULK ON WINDOWS AND DOORS / EXTERIOR OFFICE AREA (WINDOW SOUTH)											1.550 / 1.680																
	01398 00013 55B	WHITE CAULK ON WINDOWS AND DOORS / EXTERIOR - OFFICE AREA (EAST DOOR											1.550 / 1.680																
	01398 00013 56A	TAR COAT ON CORRUGATED METAL WALLS / EXTERIOR - PENTHOUSE											1.550 / 1.680																

Relinquished By/Date: Adam Lesko 5/6/99
Received By/Date: [illegible] 1045 8/6/99
Relinquished By/Date:
Received By/Date:

600 West Cummings Park 130
Woburn, MA 01801
Phone (781) 933-5074 Fax (781) 938-1487

Please Circle Desired Turn Around Time
3 Hour | Same Day | 24 Hour | 48 Hour | 3 Days | 5 Days | Standard 10 Days

Branch & Office #: ELM01
Qty Recv'd: 39 Rate:$
Requested Completion Date: 8/3/99
Project #: 03980000013
Supplemental #:
Project Manager: DERRICK WISSMAN

Client Project: [illegible]
Address: PITTSFIELD, MA

Sampled By/Date: ADAM LESKO 8.5.99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Comments/Special Instructions: STOP AT FIRST POSITIVE

Analyzed By: 9908559 1
Date: Lab QC Approval By:

Lab ID	Field ID	Description	Visual: Color	Homogeneity	Texture	Friable	Estimated % Asbestos	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Refractive Indices: OIL	Fibers	% Asbestos Fibers Present: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	% Non Asbestos Present: Fiberglass	Mineral Wool	Cellulose	Hair	Birefringence: Synthetic	Other	Non Fibrous	Asbestos Detected: Yes / No
	01398 00013 56B	TAR COAT ON CORRUGATED METAL WALLS/ EXTERIOR - PENTHOUSE EAST											1.550 / 1.680															
	01398 00013 56C	TAR COAT ON CORRUGATED METAL WALLS - EXTERIOR PENTHOUSE NW											1.550 / 1.680															
	01398 00013 57A	1/4" TRANSITE BOARD - EXTERIOR PENTHOUSE											1.550 / 1.680															
	01398 00013 58A	GRAY BLOCK INSULATION EXTERIOR PENTHOUSE											1.550 / 1.680															
	01398 00013 58B	GRAY BLOCK INSULATION EXTERIOR PENTHOUSE											1.550 / 1.680															
	01398 00013 59A	PENTHOUSE WINDOW GLAZE/ SOUTH											1.550 / 1.680															

Relinquished By/Date: Adam Lesko 8/5/99
Received By/Date: CMA 1645 8/6/99
Relinquished By/Date:
Received By/Date:

600 West Cummings [illegible] Suite 1900
Woburn, MA 01801
Phone (781) 933-5074 Fax (781) 938-1487

Please Circle Desired Turn Around Time
3 Hour | Same Day | 24 Hour | (8 Hour) | 3 Days | 5 Days | Standard 10 Days

Branch & Office #: ELM91
Qty Recv'd: 39 Rate: $
Requested Completion Date: 8/6/99
Project #: 01398-00013
Supplemental #:
Project Manager: DERRICK WISSMAN

Client/Project: [illegible]
Address: PITTSFIELD, MA

Sampled By/Date: ADAM LESKO 8.5.99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Comments/Special Instructions: STOP AT FIRST POSITIVE

Analyzed By: _____ Date: _____ Lab QC Approval By: _____

99085591

Lab ID	Field ID	Description	Visual: Color	Visual: Homogenity	Visual: Texture	Visual: Friable	Visual: Estimated % Asbestos	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indices: OIL	Refractive Indices: Fibers II	Refractive Indices: Fibers ⊥	% Asbestos Fibers Present: Chrysotile	% Asbestos Fibers Present: Amosite	% Asbestos Fibers Present: Crocidolite	% Asbestos Fibers Present: Tremolite	% Asbestos Fibers Present: Anthophyllite	% Asbestos Fibers Present: Actinolite	% Non Asbestos Present: Fiberglass	% Non Asbestos Present: Mineral Wool	% Non Asbestos Present: Cellulose	% Non Asbestos Present: Hair	% Non Asbestos Present: Synthetic	% Non Asbestos Present: Other	% Non Asbestos Present: Non Fibrous	Birefringence	Asbestos Detected Yes / No
	01398 00013 60A	3/8" TRANSITE BOARD / EXTERIOR PENTHOUSE											1.550																	
													1.680																	
	01398 00013 61A	WAFFLE BOARD TRANSITE / EXTERIOR CONVEYOR BUNKER											1.550																	
													1.680																	
	01398 00013 61B	BLACK ROOF RIDGE GASKET / EXTERIOR CONVEYOR BUNKER											1.550																	
													1.680																	
	01398 00013												1.550																	
													1.680																	
	01398 00013												1.550																	
													1.680																	
	01398 00013												1.550																	
													1.680																	

Relinquished By/Date: Adam Lesko 5/8/99
Received By/Date: (CM) 1045 8/6/99
Relinquished By/Date: _____
Received By/Date: _____

SciLab Job#: **99088648**

Client Name: ATC Associates, Inc., East Longmeadow

Table I
Summary of Bulk Asbestos Analysis Results
0139800013; Pittsfield, MA

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
76	0139800013-104A Boiler #17	104	----	----	----	----	NAD	NA
77	0139800013-104B Boiler #17	104	----	----	----	----	NAD	NA
78	0139800013-104C Boiler #17	104	----	----	----	----	NAD	NA
79	0139800013-105A 1st Floor, Boiler #17	105	----	----	----	----	Chrysotile 3.	NA
80	0139800013-106A At Intake for Boiler #18, Basement	106	0.395	60.60	5.54	33.86	NAD	Chrysotile Trace
81	0139800013-107A At Intake for Boiler #18, Basement	107	----	----	----	----	NAD	NA
82	0139800013-108A East Side of Boiler #18 at Floor Grate, 1st Floor	108	----	----	----	----	Chrysotile 25.	NA
83	0139800013-109A Boiler #18, 1st Floor, East Side	109	----	----	----	----	NAD	NA

Reviewed by: _____

PLM analyst: Bryan Manke _____; TEM analyst: Sandhya Gunasekara _____.

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent results for Qualitative PLM or TEM Analysis only; NA = not analyzed; Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM per 40 CFR 763, Subpt F, Appd A; TEM (Semi/Full) by EPA 600/R-93/116; or ELAP 198.1/198.4 for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <or=1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

SciLab Job#: **99088648**

Client Name: ATC Associates, Inc., East Longmeadow

Table I
Summary of Bulk Asbestos Analysis Results
0139800013; Pittsfield, MA

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
100	0139800013-121A 2nd Floor, West Side, Boiler #17	121	----	----	----	----	Chrysotile 65.	NA
101	0139800013-122A 2nd Floor, West Side, Boler #17	122	----	----	----	----	Chrysotile 45.	NA
102	0139800013-122B 2nd Floor, South Side, Boiler #17	122	----	----	----	----	NA/PS	NA
103	0139800013-.122C 4th Floor, East Side	122	----	----	----	----	NA/PS	NA
104	0139800013-123A 1st Floor, West Side, Boiler #17	123	----	----	----	----	Amosite 20.	NA
105	0139800013-124A 1st Floor, Room 101	124	----	----	----	----	Chrysotile 3.	NA
106	0139800013-125A 1st Floor, Room 101	125	0.196	15.73	32.69	51.58	NAD	Chrysotile Trace
107	0139800013-126A 1st Floor, Room 102	126	----	----	----	----	NAD	NA

Reviewed by: _____

PLM analyst: Bryan Manke _____; TEM analyst: Sandhya Gunasekara _____

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SciLab Job#: **99088648**

Client Name: ATC Associates, Inc., East Longmeadow

Table I
Summary of Bulk Asbestos Analysis Results
0139800013; Pittsfield, MA

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
108	0139800013-127A 1st Floor, Room 01, Inside Metal Wall Panel	127	----	----	----	----	NAD	NA
109	0139800013-127B 1st Floor, Room 02, Inside Metal Wall Panel	127	----	----	----	----	NAD	NA
110	0139800013-128A 1st Floor, Room 02	128	0.292	41.32	3.39	55.29	NAD	NAD
111	0139800013-129A 1st Floor, Room 02	129	0.106	93.67	4.16	2.17	NAD	Chrysotile Trace
112	0139800013-130A Room 03	130	----	----	----	----	Chrysotile 4.	NA
113	0139800013-131A Room 03	131	0.103	84.05	3.70	12.26	NAD	Chrysotile Trace
114	0139800013-132A Room 03	132	----	----	----	----	NAD	NA
115	0139800013-132B	132	----	----	----	----	NAD	NA

Reviewed by: _____

PLM analyst: Bryan Manke _____; TEM analyst: Sandhya Gunasekara _____

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NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <or=1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

SciLab Job#: **99088648**

Client Name: ATC Associates, Inc., East Longmeadow

Table I
Summary of Bulk Asbestos Analysis Results
0139800013; Pittsfield, MA

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
116	0139800013-133A Room 03	133	0.50	54.53	1.96	43.51	NAD	NAD
117	0139800013-134A Room 07, West Wall, Office Area	134	----	----	----	----	NAD	NA
118	0139800013-134B Room 08, West Wall, Office Area	134	----	----	----	----	NAD	NA
119	0139800013-135A Room 08, East Wall	135	----	----	----	----	NAD	NA
120	0139800013-135B Room 07, West Wall	135	----	----	----	----	NAD	NA
121	0139800013-135C Room 09, East Wall	135	----	----	----	----	Chrysotile Trace	NA
122	0139800013-136A Room 04	136	----	----	----	----	NAD	NA
123	0139800013-137A Room 06, North Wall	137	----	----	----	----	NAD	NA

Reviewed by: _____

PLM analyst: Bryan Manke _____; TEM analyst: Sandhya Gunasekara _____.

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NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <or=1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

SciLab Job#: **99088648**

Client Name: ATC Associates, Inc., East Longmeadow

Table I
Summary of Bulk Asbestos Analysis Results
0139800013; Pittsfield, MA

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
124	0139800013-137B Room 06, North Wall	137	----	----	----	----	NAD	NA
125	0139800013-137C Room 06, North Wall	137	----	----	----	----	NAD	NA
126	0139800013-138A Room 12	138	0.481	20.16	77.51	2.33	NAD	Chrysotile Trace
127	0139800013-139A Room 12	139	0.314	33.83	19.54	46.63	NAD	NAD
128	0139800013-140A on Deck, Room 13	140	----	----	----	----	Chrysotile 15.	NA
129	0139800013-140B on Deck, Room 07	140	----	----	----	----	NA/PS	NA
130	0139800013-140C on Deck, Room 12	140	----	----	----	----	NA/PS	NA
131	0139800013-141A Room 11	141	----	----	----	----	Chrysotile 7.	NA

Reviewed by: _____

PLM analyst: Bryan Manke _____; TEM analyst: Sandhya Gunasekara _____

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NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <or=1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

SciLab Job#: **99088648**

Client Name: ATC Associates, Inc., East Longmeadow

Table I
Summary of Bulk Asbestos Analysis Results

0139800013; Pittsfield, MA

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
132	0139800013-142A Room 11	142	0.249	80.32	4.62	15.06	NAD	Chrysotile Trace
133	0139800013-143A 2nd Floor, North Side of Boiler #17	143	----	----	----	----	NAD	NA
134	0139800013-144A Room 06	144	----	----	----	----	Chrysotile 55.	NA
135	0139800013-145A Coal Bunker, East End	145	----	----	----	----	Chrysotile 15.	NA
136	0139800013-146A Stairwell to Roof	146	----	----	----	----	NAD	NA
137	0139800013-147A Stairwell To Roof	147	0.28	88.72	4.85	6.42	NAD	Chrysotile Trace
138	0139800013-148A Upper Penthouse, North End	148	----	----	----	----	Chrysotile 45.	NA
139	0139800013-149A Upper Penthouse, North End	149	----	----	----	----	Chrysotile 65.	NA

Reviewed by: _____

PLM analyst: Bryan Manke _____; TEM analyst: Sandhya Gunasekara _____.

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent results for Qualitative PLM or TEM Analysis only; NA = not analyzed; Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM per 40 CFR 763, Subpt F, Appd A; TEM (Semi/Full) by EPA 600/R-93/116; or ELAP 198.1/198.4 for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <or=1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

SciLab Job#: **99088648**

Client Name: ATC Associates, Inc., East Longmeadow

Table I
Summary of Bulk Asbestos Analysis Results
0139800013; Pittsfield, MA

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
148	0139800013-156A 2nd Floor, North of Boiler #17	156	0.327	72.51	9.53	17.96	NAD	NAD
149	0139800013-157A Engine Room	157	----	----	----	----	NAD	NA
150	0139800013-157B Engine Room	157	----	----	----	----	NAD	NA
151	0139800013-157C Engine Room	157	----	----	----	----	NAD	NA
152	0139800013-157D Engine Room	157	----	----	----	----	NAD	NA
153	0139800013-157E Engine Room	157	----	----	----	----	NAD	NA
154	0139800013-157F Engine Room	157	----	----	----	----	NAD	NA
155	0139800013-157G Engine Room	157	----	----	----	----	NAD	NA

Reviewed by: _____

PLM analyst: Bryan Manke _____; TEM analyst: Sandhya Gunasekara _____.

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent results for Qualitative PLM or TEM Analysis only; NA = not analyzed; Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM per 40 CFR 763, Subpt F, Appd A; TEM (Semi/Full) by EPA 600/R-93/116; or ELAP 198.1/198.4 for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <or=1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

SciLab Job#: **99088720**

Client Name: ATC Associates, Inc., East Longmeadow

Table I
Summary of Bulk Asbestos Analysis Results

0139800013; BBL/ Bldg. 31

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
25	0139800013-197A Basement, Boiler/ Engine Room in Brick Pile	197	----	----	----	----	NAD	NA
26	0139800013-198A Basement, Boiler/ Engine Room in Brick Pile	198	----	----	----	----	NAD	NA
27	0139800013-199A Boiler/ Engine Room in Brick Pile	199	----	----	----	----	Amosite 25.	NA
28	0139800013-199B Boiler/ Engine Room in Brick Pile	199	----	----	----	----	NA/PS	NA
29	0139800013-199C Boiler/ Engine Room in Brick Pile	199	----	----	----	----	NA/PS	NA
30	0139800013-200A in Soot Hopper Bldg., East of Bldg. 31	200	----	----	----	----	Chrysotile 10.	NA
31	0139800013-201A Soot Hopper Bldg., East of Bldg. 31	201	0.843	9.29	83.01	7.70	Chrysotile Trace	NAD
32	0139800013-202A Soot Hopper Bldg., East of Bldg. 31	202	0.368	60.01	18.73	21.26	NAD	NAD

Reviewed by: _____

PLM analyst: Bryan Manke_____; TEM analyst: Sandhya Gunasekara_____

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent results for Qualitative PLM or TEM Analysis only; NA = not analyzed.
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Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM per 40 CFR 763, Subpt F, Appd A; TEM (Semi/Full) by EPA 600/R-93/116; or ELAP 198.1/198.4 for New York samples;
NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <or=1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

SciLab Job#: **99088720**

Client Name: ATC Associates, Inc., East Longmeadow

Table I
Summary of Bulk Asbestos Analysis Results
0139800013; BBL/ Bldg. 31

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
33	0139800013-203A Soot Hopper Bldg., East of Bldg. 31	203	0.339	62.92	12.27	24.81	NAD	NAD
34	0139800013-204A Basement, Steam Tunnel 1	204	----	----	----	----	Chrysotile 50.	NA
35	0139800013-204B Basement, Steam Tunnel 1	204	----	----	----	----	NA/PS	NA
36	0139800013-204C Basement, Room 30	204	----	----	----	----	NA/PS	NA
37	0139800013-205A Steam Tunnel 2, West End, Under Re- Wettable Cloth	205	----	----	----	----	NAD	NA
38	0139800013-205B Steam Tunnel 2, West End, Under Re- Wettable Cloth	205	----	----	----	----	NAD	NA
39	0139800013-205C Steam Tunnel 2, West End, Under Re- Wettable Cloth	205	----	----	----	----	NAD	NA
40	0139800013-206A Engine Room, 2nd Level West Wall	206	----	----	----	----	NAD	NA

Reviewed by: _____

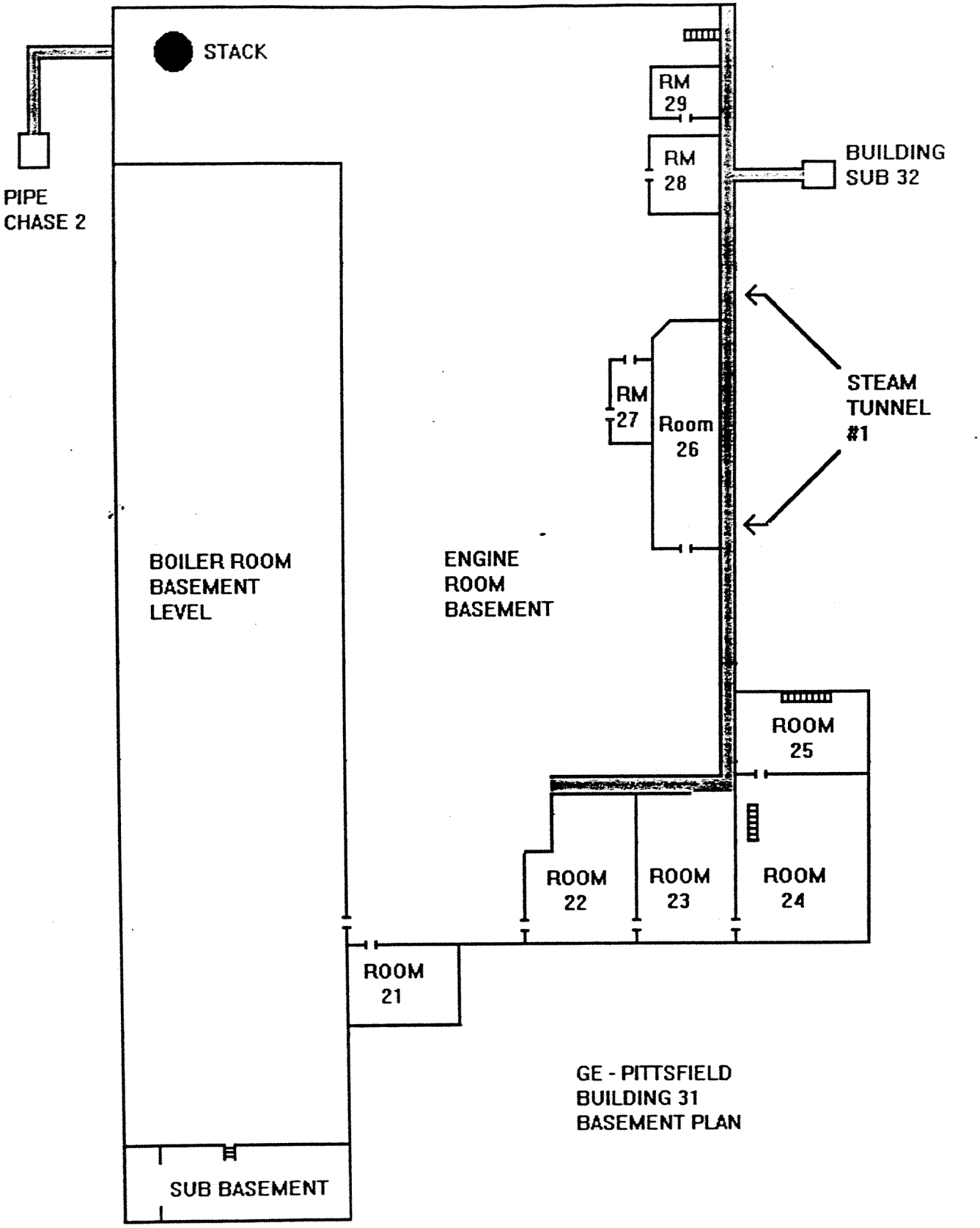
PLM analyst: Bryan Manke_____; TEM analyst: Sandhya Gunasekara_____

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent results for Qualitative PLM or TEM Analysis only; NA = not analyzed;
Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

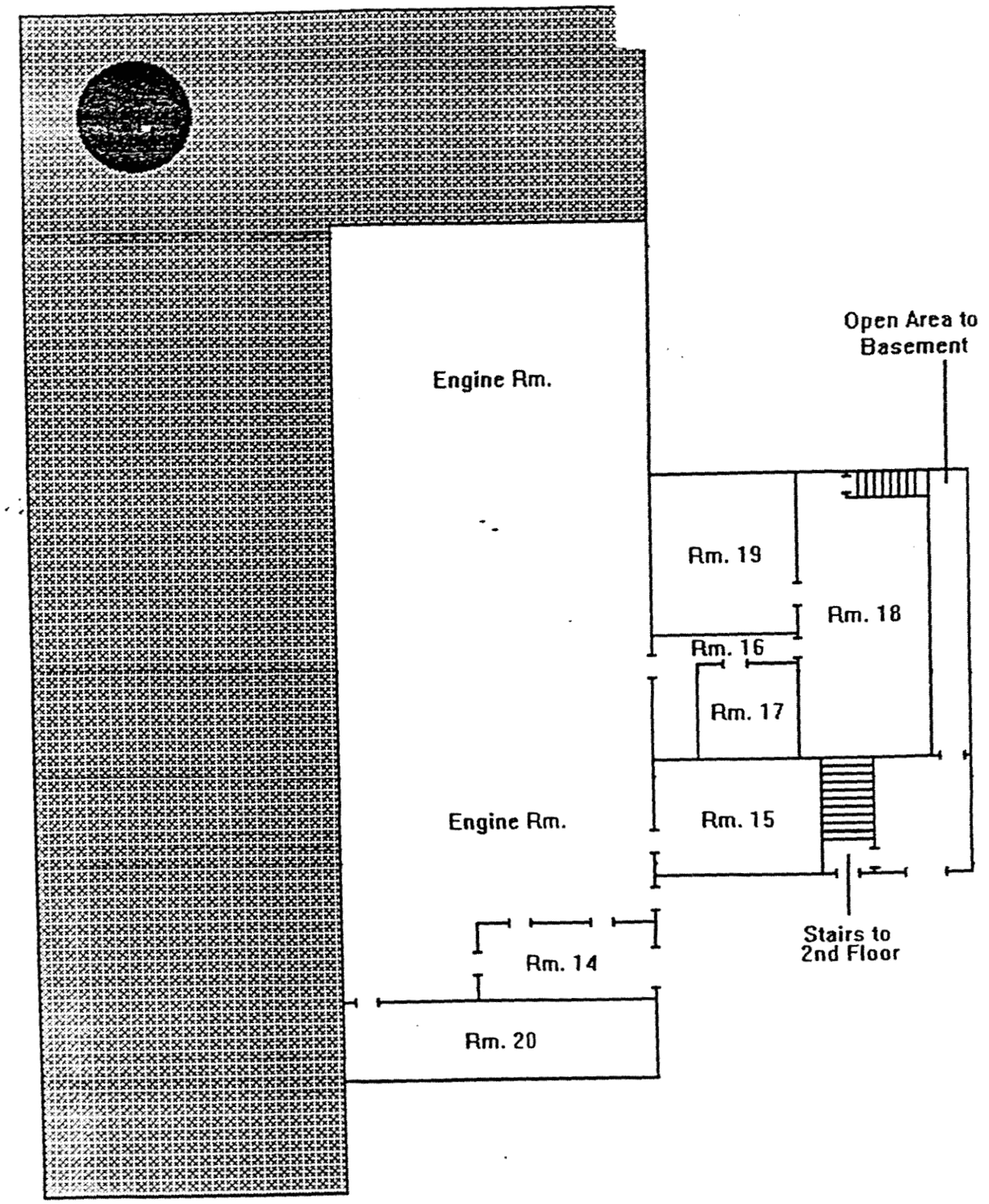
Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM per 40 CFR 763, Subpt F, Appd A; TEM (Semi/Full) by EPA 600/R-93/116; or ELAP 198.1/198.4 for New York samples;
NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <or=1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

ATTACHMENT F

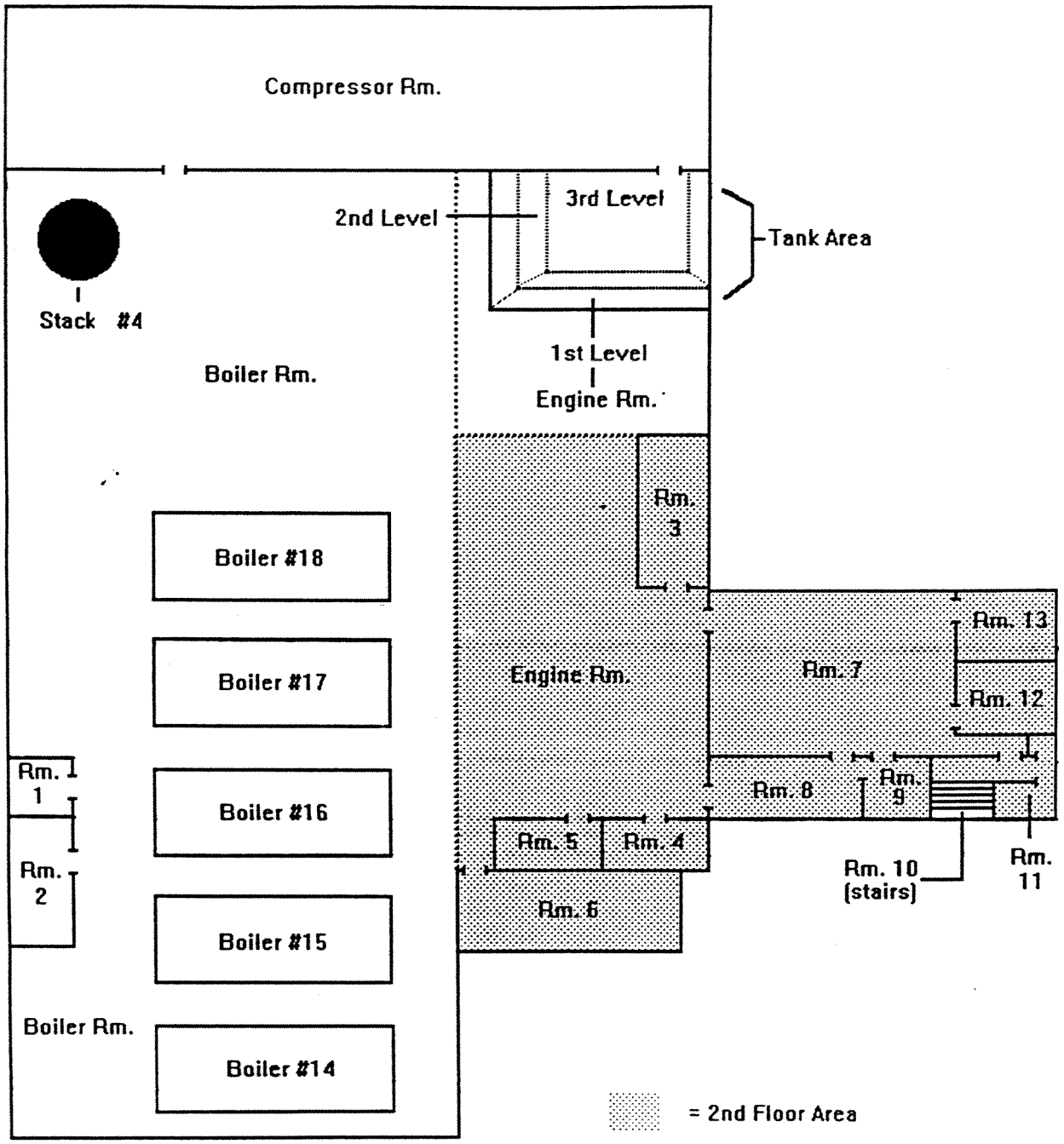
FLOOR PLANS/DRAWINGS



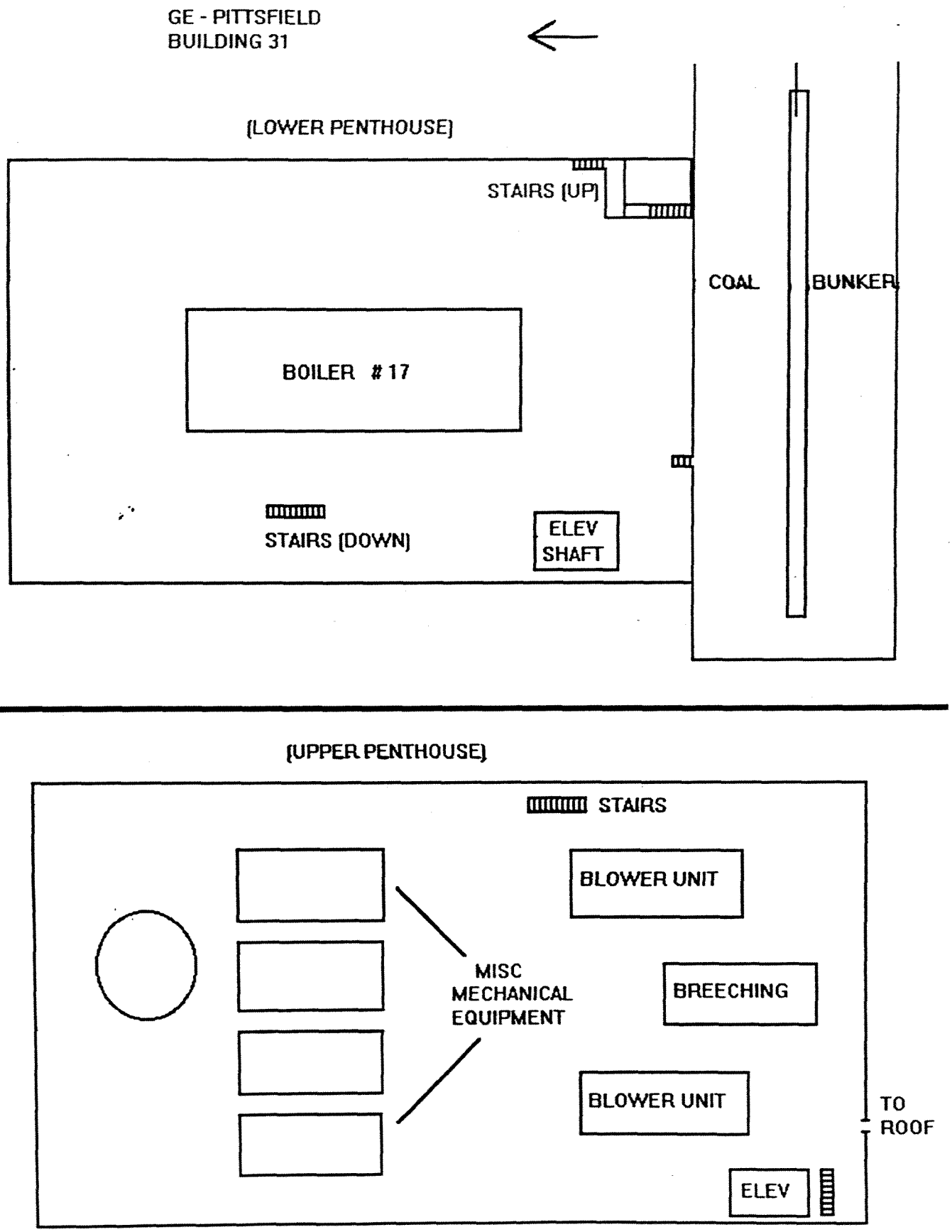
GE - PITTSFIELD
BUILDING 31
BASEMENT PLAN

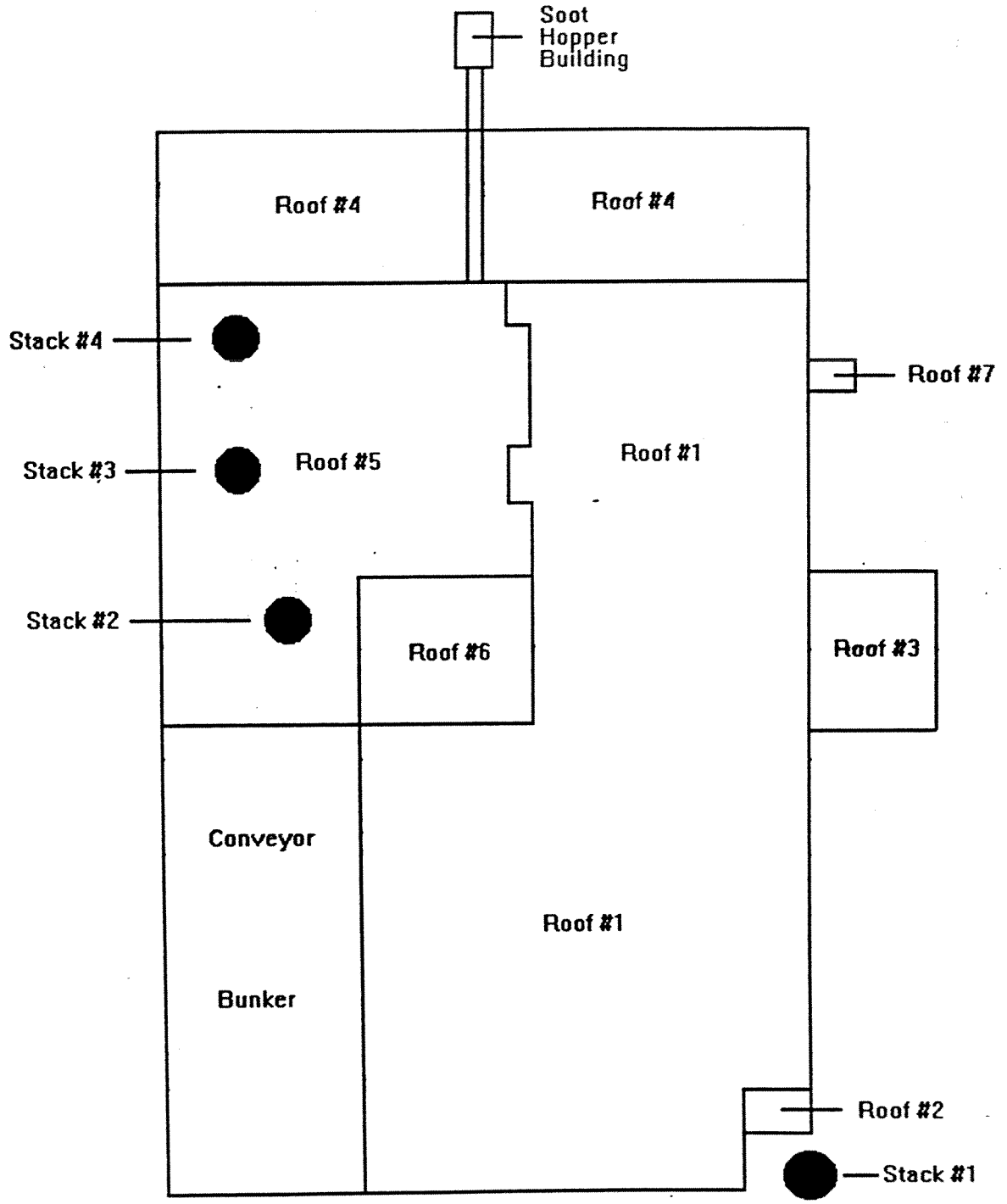


G.E. PITTSFIELD - BUILDING 31 1ST FLOOR ENGINE RM. AREA



G.E. PITTSFIELD - BUILDING 31 MAIN FLOOR


GE - PITTSFIELD
BUILDING 31
(LOWER PENTHOUSE)
STAIRS (UP)
COAL
BUNKER
BOILER # 17
STAIRS (DOWN)
ELEV
SHAFT
(UPPER PENTHOUSE)
STAIRS
BLOWER UNIT
MISC
MECHANICAL
EQUIPMENT
BREECHING
BLOWER UNIT
TO
ROOF
ELEV



G.E. PITTSFIELD - BUILDING 31 ROOF PLAN

ATC ASSOCIATES INC.

39 Spruce Street
East Longmeadow, Massachusetts 01028
413.525.1198
Fax 413.525.8227

PREPARED FOR:

BLASLAND, BOUCK & LEE, INC.
6723 TOWPATH ROAD
BOX 66
SYRACUSE, NEW YORK 13214-0006

ASBESTOS & LEAD INSPECTION REPORT

FOR
BUILDING NO. 31J (PUMP HOUSE)
AT
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

PREPARED BY:

ATC ASSOCIATES INC.
39 SPRUCE STREET
EAST LONGMEADOW, MASSACHUSETTS 01028

December 7, 1999

Asbestos & Lead Inspection Report
General Electric – Pittsfield
Building No. 31J (Pump House)

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1.0 SITE INSPECTION SUMMARY

SITE: Building No. 31J (Pump House)
General Electric Company
Pittsfield, Massachusetts

OWNER: General Electric Company
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201

CLIENT: Blasland, Bouck & Lee, Inc.
6723 Towpath Road
Box 66
Syracuse, New York 13214-0006

The enclosed Asbestos and Lead Inspection Report was performed and prepared by ATC Associates, Inc. The survey included a comprehensive inspection of all areas of the building.

The following licensed and accredited inspectors performed the Inspection:

Adam Lesko
Asbestos Inspector #AI71130

Steve Dolinski
Lead Inspector #I3171

The Inspection Report was reviewed and approved by:

Derrick Wissman
Project Manager

2.0. SITE DESCRIPTION

Building No. 31J (Pump House) consists of a one-story brick building which was formerly used to house water and fuel line pumps. The building is currently unoccupied and scheduled for demolition. Interior finishes in the pump house consist of a concrete slab floors and pressboard ceiling tiles.

3.0 ASBESTOS INSPECTION

ATC's Scope of Work included a comprehensive Asbestos Inspection of the building. Outlined below is a description of ATC's testing methodology.

3.1 Asbestos Protocol

ATC performed a comprehensive demolition survey to access all suspect asbestos-containing materials throughout the building. ATC was not responsible for repair of any building components and/or equipment, which became damaged as a result of ATC's inspection. The Asbestos Inspection included a visual assessment of suspect asbestos-containing materials throughout the building and subsequent bulk sampling and analysis was performed.

3.2 Sampling Methodology

EPA and OSHA define ACBM as any material which contains greater than 1 percent asbestos. The ACBM inspection and bulk sampling was performed in accordance with the methods outlined in the U.S. EPA guidance document titled, *Guidance for Controlling Asbestos-Containing Materials in Buildings* (Document No. 560/5-85/024). In addition, bulk sampling of asbestos was performed in accordance with 40 CFR Part 763, Asbestos Hazard Emergency Response Act (AHERA) requirements for number of samples and types of ACBM to be sampled. According to these requirements, materials are classified as either surfacing (e.g., ceiling plaster, wall plaster, spray-applied fireproofing), thermal system insulation (e.g., pipe insulation, pipe fitting insulation, boiler insulation), or miscellaneous materials (e.g., floor tile, ceiling tile, wallboard). The number of samples collected from each material varies based on the classification of the material and increases as the potential for a non-uniform mixture of asbestos in the material increases.

3.3 Sample Collection

Samples collected for asbestos analysis were obtained by qualified and certified (Certified Massachusetts Inspector) personnel utilizing proper safety measures such as wetting the material prior to sampling, cleaning up the area by wet wiping any resulting residual debris, and wearing proper personal protective equipment, as needed. In order to be certain of sampling the entire thickness of a material, coring tools and knives were utilized to penetrate all layers of a material. All collected samples were then placed in appropriately labeled airtight containers for shipment to the laboratory for analysis.

3.4 Sample Analysis (PLM)

All bulk samples were analyzed for asbestos content using Polarized Light Microscopy (PLM) with Dispersion Staining (EPA Method 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Building Materials). To qualify as asbestos-containing, the material must be determined to contain *greater than one percent (>1%)* asbestos from a homogeneous material area set of samples.

Consequently, according to the EPA/AHERA criteria, all bulk samples from a homogeneous area must be found to contain *less than or equal to one percent (≤1%)* asbestos in order to be classified as non-asbestos-containing.

3.5 Sample Analysis (TEM)

In addition, floor tile and other non-friable organically bound (NOB) materials which initially tested negative by PLM analysis were reanalyzed by Transmission Electron Microscopy (TEM). All TEM analysis was performed utilizing ELAP-198.4 TEM Method for Identifying and Quantifying Asbestos in NOB Bulk Samples.

4.0 LEAD PAINT INSPECTION

ATC performed a comprehensive lead inspection of painted, stained or varnished components located throughout the building. Outlined below is a description of ATC's testing methodology.

4.1 Testing Protocol

All testing was performed utilizing a portable X-Ray Fluorescent (XRF) Analyzer. In addition, paint chip samples were collected from select material substrates to confirm lead content if use of the XRF was not feasible or if results were inconclusive. For the purpose of reporting, the building was divided into "testing combinations". Testing combinations are defined as types of painted building components which appear uniform in paint color and architectural feature.

4.2 XRF Analysis

A Radiation Monitoring Device LP1, serial number 1092 was used for all on-site XRF testing. The instrument was operated in the "Quick-Mode" which adjusts the length of each reading based upon the substrate, until there is a 95% confidence level is achieved. All personnel who operated the portable XRF analyzer were trained by the manufacturer in safety measures and testing protocols. In accordance with the Occupational Safety and Health Administration (OSHA) 29 CFR 1926.62 Regulations, any result of lead greater than 0.0 constitutes the material to be considered lead-containing and subject to the regulations.

4.3 Paint Chip Sample Analysis

Inconclusive XRF readings or areas where XRF analysis was not feasible required paint chip samples to be collected and analyzed by Atomic Absorption Spectrophotometry (AAS). In accordance with the Occupational Safety and Health Administration (OSHA) 29 CFR 1926.62 Regulations, any result of lead greater than 0.0 constitutes the material to be considered lead-containing and subject to the regulations.

5.0 FINDINGS

Asbestos and lead-containing materials were detected in several material applications at the site. Refer to the following Attachments for a summary of each materials tested, location, and analysis result:

Asbestos-Containing Materials:	***Refer to Attachment A***
Non-Asbestos Materials:	***Refer to Attachment B***
Lead Testing Results:	***Refer to Attachment C***

6.0 CONCLUSIONS

The majority of the asbestos and lead materials were found to be in fair/poor condition and are located throughout the building. As previously stated in this report, the building is scheduled for demolition which will require the following response actions be implemented as part of the demolition project:

A. In accordance with Massachusetts Department of Environmental Protection (DEP) and EPA's National Emission Standards for Hazardous Air Pollutants (NESHAP) Regulations, all materials found to be asbestos-containing in the building will be required to be abated prior to renovation/demolition activities. In addition, all asbestos abatement work shall be performed by a Massachusetts licensed Asbestos Abatement Contractor in accordance with local, state and federal regulations.

B. All demolition work which disturbs lead-containing materials will be subject to OSHA 29 CFR 1926.62 "Lead in Construction Regulations". Under OSHA, the employer is responsible for protection of their employees when performing renovation and/or demolition work which disturbs lead materials. Compliance shall include written programs, medical monitoring, exposure assessment testing and engineering controls.

ATTACHMENT A

SUMMARY OF ASBESTOS-CONTAINING MATERIALS

BUILDING NO. 31J
(PUMP HOUSE)

ATTACHMENT A

SUMMARY OF ASBESTOS-CONTAINING MATERIALS

Location	Material	Quantity	Comments
Roof	Flashing	150 square feet	
Exterior	White Window Glaze	6 Each	
Room 1	Transite Pipe	1 linear foot	In Northeast Corner of Room

Note: Transite piping may be present underground on the exterior of the pump house

ATTACHMENT B

SUMMARY OF NON-ASBESTOS MATERIALS

BUILDING NO. 31J
(PUMP HOUSE)

ATTACHMENT B

SUMMARY OF NON-ASBESTOS MATERIALS

Location	Material	Comments
Exterior	White Door Caulk	
Exterior	White Window Caulk	
Exterior	Black Felt Paper Pipe Insulation	
Exterior	Brick Mortar	
Room 1	Grey/Black Gasket	
Room 1	Pressboard	Ceiling
Room 1 & Room 2	Industrial Coat	
Roof	Roofing Material	
Roof	Roofing Felt	

ATTACHMENT C

SUMMARY OF LEAD-CONTAINING MATERIALS

Sample No.	Room	Testing Combination	XRF Result	Condition	Notes
1	Room 1	Gray Wood Door	0.0	Fair	
2	Room 1	Gray Wood Door Frame	0.0	Fair	
3	Room 1	Off – White Wood Shelf	0.1	Poor	
4	Room 1	Off – White Wood Shelf Supports	0.2	Poor	
5	Room 1	Off – White Brick Wall	-0.2	Poor	
6	Room 1	Off – White Metal Conduit	0.1	Poor	
7	Room 1	Off – White Cement Foundation	0.5	Poor	
8	Room 1	Off – White Wood Window	0.2	Poor	
9	Room 1	Green Metal Pump	0.1	Fair	
10	Room 1	Black Metal Valve	0.0	Fair	
11	Room 1	Gray Metal Pipe	0.3	Poor	
12	Room 1	Gray Metal Electric Box	0.0	Fair	
13	Room 1	Gray Brick Wall	0.0	Poor	
14	Room 1	Gray Wood Window	0.1	Poor	
15	Room 1	Off – White Cement Floor	0.0	Poor	
16	Room 1	Gray Metal Valve	0.0	Poor	
17	Room 1	Off – White Metal Electric Box	0.0	Good	
18	Room 1	Black Cement Foundation	0.4	Poor	
19	Room 1	Gray Metal Pump	0.5	Good	
20	Room 1	Off – White Wood Upper Trim	0.1	Fair	
21	Room 1	Gray Metal Ceiling Hatch	1.3	Fair	
22	Room 2	Off – White Metal Conduit	0.1	Poor	
23	Room 2	Off – White Metal Pipe	0.1	Poor	
24	Room 2	Off – White Brick Wall	0.2	Poor	
25	Room 2	Off – White Cement Foundation	0.5	Poor	
26	Room 2	Black Cement Foundation	0.5	Poor	
27	Room 2	Off – White Wood Window	0.7	Poor	
28	Room 2	Gray Metal Pipe	0.0	Poor	
29	Room 2	Black Metal Valve	0.1	Fair	
30	Room 2	Gray Cement Ceiling	0.0	Poor	
31	Room 2	Gray Metal Column	0.0	Poor	

Sample No.	Room	Testing Combination	XRF Result	Condition	Notes
32	Room 2	White Metal Support	0.0	Poor	
33	Room 2	Gray Wood Door	0.2	Poor	
34	Room 2	Off – White Metal Electric Box	0.0	Fair	
35	Exterior	Gray Wood Door	0.0	Poor	
36	Exterior	Gray Wood Door Casing	1.8	Poor	
37	Exterior	Black Wood Soffit	0.2	Poor	
38	Exterior	Gray Wood Window	3.1	Poor	
39	Exterior	Tan Metal Lintel	5.1	Poor	
40	Exterior	Off – White Metal Conduit	2.3	Poor	
41	Exterior	Off – White Metal Electric Box	0.1	Poor	

ATTACHMENT D

LABORATORY REPORTS/CHAIN-OF-CUSTODY (PLM ASBESTOS)

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SCIENTIFIC LABORATORIES, INC.
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NEW YORK, NY 10016
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PLM Bulk Asbestos Report

ATC Associates
Attn: Derrick Wissman
39 Spruce Street
East Longmeadow, MA 01028

Date Received 2/23/99
Date Examined 2/23/99
SciLab Job No. 99026850
P.O. # S-65

RE: 01879.00003; BBM/General Electric

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
TF0217-01A	99026850-01	*N/A*	
1	**Location:** Transite Board/ Tank #3		
	Description: Grey, Homogeneous, Transite Board		
	Asbestos Types: Chrysotile 17. %		
	Other Material: Cellulose 15. %, Non-fibrous 68. %		
TF0217-01B	99026850-02		NA/PS
1	**Location:** Transite Board/ Tank #1		
	Description: Transite Board		
	Asbestos Types:		
	Other Material:		
TF0217-02A	99026850-03	*Yes*	14 %
2	**Location:** Black Gaskets/ Tank #2		
	Description: Black, Homogeneous, Black Gasket		
	Asbestos Types: Chrysotile 14. %		
	Other Material: Non-fibrous 86. %		
TF0217-02B	99026850-04		NA/PS
2	**Location:** Black Gaskets/ Tank #3		
	Description: Black Gasket		
	Asbestos Types:		
	Other Material:		
TF0217-03A	99026850-05	*No*	NAD
3	**Location:** Concrete Foundation/ Tank #2		
	Description: Grey, Homogeneous, Concrete Foundation		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		

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NEW YORK, NY 10016
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A CERTIFIED MINORITY BUSINESS ENTERPRISE

PLM Bulk Asbestos Report

ATC Associates
Attn: Derrick Wissman
39 Spruce Street
East Longmeadow, MA 01028

Date Received 2/23/99
Date Examined 2/23/99

SciLab Job No. 99026850
P.O. # S-65

RE: 01879.00003; BBM/General Electric

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
TF0217-03B	99026850-06	*No*	NAD
3	**Location:** Concrete Foundation/ Tank #1		
	Description: Grey, Homogeneous, Concrete Foundation		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
TF0217-04A	99026850-07	*Yes*	11 %
4	**Location:** Black Sealant/ Tank #3		
	Description: Black, Homogeneous, Black Sealant		
	Asbestos Types: Chrysotile 11. %		
	Other Material: Non-fibrous 89. %		
TF0217-04B	99026850-08		NA/PS
4	**Location:** Black Sealant/ Tank #2		
	Description: Black Sealant		
	Asbestos Types:		
	Other Material:		
TF0217-05A	99026850-09	*No*	NAD
5	**Location:** Foam Block/ Tank #2		
	Description: Black, Homogeneous, Foam Block		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
TF0217-05B	99026850-10	*No*	NAD
5	**Location:** Foam Block/ Tank #3		
	Description: Black, Homogeneous, Foam Block		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		

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RE: 01879.00003; BBM/General Electric

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
TF0217-07A	99026850-11	*No*	NAD
7 **Location:** Green Paint/ 10-C Oil Tank			
Description: Green, Heterogeneous, Green Paint			
Asbestos Types:			
Other Material: Non-fibrous 100. %			
TF0217-07B	99026850-12	*No*	NAD
7 **Location:** Green Paint/ 10-C Oil Tank			
Description: Green, Homogeneous, Green Paint			
Asbestos Types:			
Other Material: Non-fibrous 100. %			
TF0217-07C	99026850-13	*No*	NAD
7 **Location:** Green Paint/ 10-C Oil Tank			
Description: Green, Homogeneous, Green Paint			
Asbestos Types:			
Other Material: Non-fibrous 100. %			
TF0217-07D	99026850-14	*No*	NAD
7 **Location:** Green Paint/ Day Tank			
Description: Green, Homogeneous, Green Paint			
Asbestos Types:			
Other Material: Non-fibrous 100. %			
TF0217-07E	99026850-15	*No*	NAD
7 **Location:** Green Paint/ Day Tank			
Description: Green, Homogeneous, Green Paint			
Asbestos Types:			
Other Material: Non-fibrous 100. %			

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Date Examined 2/23/99 **P.O. #** S-65

RE: 01879.00003; BBM/General Electric

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
TF0217-08A	99026850-16	*Yes*	27 %
8	**Location:** Black Felt Cloth/ Tank Farm		
	Description: Black, Homogeneous, Black Felt Cloth		
	Asbestos Types: Chrysotile 27. %		
	Other Material: Fibrous glass 20. %, Non-fibrous 53. %		
TF0217-08B	99026850-17		NA/PS
8	**Location:** Black Felt Cloth/ Tank Farm		
	Description: Black Felt Cloth		
	Asbestos Types:		
	Other Material:		
TF0217-09A	99026850-18	*Yes*	19 %
9	**Location:** Black Felt Debris/ Tank Farm		
	Description: Black, Homogeneous, Black Felt Debris		
	Asbestos Types: Chrysotile 19. %		
	Other Material: Non-fibrous 81. %		
TF0217-09B	99026850-19		NA/PS
9	**Location:** Black Felt Debris/ Tank Farm		
	Description: Black Felt Debris		
	Asbestos Types:		
	Other Material:		
TF0217-10A	99026850-20	*No*	NAD
10	**Location:** Grey Blocks/ Tank Farm		
	Description: Black, Homogeneous, Grey Blocks		
	Asbestos Types:		
	Other Material: Cellulose 2. %, Non-fibrous 98. %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
TF0217-10B	99026850-21	*No*	NAD
10	**Location:** Grey Blocks/ Tank Farm		
	Description: Black, Homogeneous, Grey Blocks		
	Asbestos Types:		
	Other Material: Cellulose 2. %, Non-fibrous 98. %		
TF0217-11A	99026850-22	*No*	NAD
11	**Location:** Black And Grey Felt Paper Pipe Insulation Wrap/ Day Tank		
	Description: Black, Homogeneous, Felt Paper Pipe Insul Wrap		
	Asbestos Types:		
	Other Material: Cellulose 15. %, Non-fibrous 85. %		
TF0217-11B	99026850-23	*No*	NAD
11	**Location:** Black And Grey Felt Paper Pipe Insulation Wrap/ Day Tank		
	Description: Black, Homogeneous, Felt Paper Pipe Insul Wrap		
	Asbestos Types:		
	Other Material: Cellulose 15. %, Non-fibrous 85. %		
TF0217-11C	99026850-24	*No*	NAD
11	**Location:** Black And Grey Felt Paper Pipe Insulation Wrap/ Day Tank		
	Description: Black, Homogeneous, Felt Paper Pipe Insul Wrap		
	Asbestos Types:		
	Other Material: Cellulose 15. %, Non-fibrous 85. %		
TF0217-12A	99026850-25	*No*	NAD
12	**Location:** Red Gaskets/ Day Tank		
	Description: Red, Homogeneous, Red Gaskets		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		

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P.O. # S-65

RE: 01879.00003; BBM/General Electric

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
TF0217-12B	99026850-26	*No*	NAD
12	**Location:** Red Gaskets/ Day Tank		
	Description: Red, Homogeneous, Red Gaskets		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
TF0217-13A	99026850-27	*No*	NAD
13	**Location:** White Window Glaze/ Pump House (31J)		
	Description: Grey, Homogeneous, White Window Glaze		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
TF0217-13B	99026850-28	*No*	NAD
13	**Location:** White Window Glaze/ Pump House (31J)		
	Description: Grey, Homogeneous, White Window Glaze		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
TF0217-14A	99026850-29	*No*	NAD
14	**Location:** White Door Caulk/ Pump House (31J)		
	Description: Grey, Homogeneous, White Door Caulk		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
TF0217-14B	99026850-30	*No*	NAD
14	**Location:** White Door Caulk/ Pump House (31J)		
	Description: Grey, Homogeneous, White Door Caulk		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		

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SciLab Job No. 99026850
P.O. # S-65

RE: 01879.00003; BBM/General Electric

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
TF0217-15A	99026850-31	*No*	NAD
15	**Location:** White Window Caulk/ PumpHouse (31J)		
	Description: Grey, Homogeneous, White Window Caulk		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
TF0217-15B	99026850-32	*No*	NAD
15	**Location:** White Window Caulk/ PumpHouse (31J)		
	Description: Grey, Homogeneous, White Window Caulk		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
TF0217-16A	99026850-33	*Yes*	14 %
16	**Location:** Black Roof Sealant/ Pump House (31J)		
	Description: Black, Homogeneous, Black Roof Sealant		
	Asbestos Types: Chrysotile 14. %		
	Other Material: Cellulose 15. %, Fibrous glass 5. %, Non-fibrous 66. %		
TF0217-16B	99026850-34		NA/PS
16	**Location:** Black Roof Sealant/ Pump House (31J)		
	Description: Black Roof Sealant		
	Asbestos Types:		
	Other Material:		
TF0217-17A	99026850-35	*No*	NAD
17	**Location:** Black Felt Paper Pipe Insulation Wrap/ Pump House (31J)		
	Description: Black, Homogeneous, Felt Paper Pipe Insul Wrap		
	Asbestos Types:		
	Other Material: Cellulose 15. %, Non-fibrous 85. %		

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SCIENTIFIC LABORATORIES, INC.
117 EAST 30TH STREET
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-9392

PLM Bulk Asbestos Report

ATC Associates
Attn: Derrick Wissman
39 Spruce Street
East Longmeadow, MA 01028

Date Received 2/23/99
Date Examined 2/23/99
SciLab Job No. 99026850
P.O. # S-65

RE: 01879.00003; BBM/General Electric

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
TF0217-17B	99026850-36	*No*	NAD
17	**Location:** Black Felt Paper Pipe Insulation Wrap/ Pump House (31J)		
	Description: Black, Homogeneous, Felt Paper Pipe Insul Wrap		
	Asbestos Types:		
	Other Material: Cellulose 15. %, Non-fibrous 85. %		
TF0217-17C	99026850-37	*No*	NAD
17	**Location:** Black Felt Paper Pipe Insulation Wrap/ Pump House (31J)		
	Description: Black, Homogeneous, Felt Paper Pipe Insul Wrap		
	Asbestos Types:		
	Other Material: Cellulose 15. %, Non-fibrous 85. %		

Reporting Notes:

Analyzed by: Paul Mucha/V. _____

*NAD/NSD = no asbestos detected; NA = not analyzed; NAPS = not analyzed positive stop; Bulk Asbestos Analysis per 40 CFR 763, Subpart F, Appendix A and ELAP Analysis Protocols 198.1/198.4 for NY samples; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in NY State (see also EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This report relates ONLY to the items tested. ELAP #11480, Vt. Cert. #AL016055

Reviewed By:_____

3991217 66

Relinquished by: [illegible] Date/Time: 12/1/99
Received by: [illegible] 9:30. Date/Time: 12.3.99
Relinquished by: Date/Time:
Received by: Date/Time:
Relinquished by: Date/Time:

SCILAB

8 SCHOOL STREET
WEYMOUTH, MA 02189
(781) 337-9334 FAX (781) 337-7642

Project Name: BLASLAND, BOUCK AND LEE
Project Number: TBA
Project Address: GE PITTSFIELD

Sampled by: ADAM LESKO Date: 12/1/99
Analysis Type: PLM
Project Manager: DERRICK WISSMAN
Positive Stop: (Y) N
Results to: SANDY FABIAN
Turnaround: ~~24~~ 24 Hr.
Emergency Pager:
Fax Copy by: 12/6/99
Additional Fax Numbers:
Hard Copy by:
Special Instructions or Comments: ANALYZE TO 1ST POSITIVE

	Lab ID	Field ID	Location	Sample Description	Homogenous Area
1		31P120199-01A	BLDG. 31P - ROOM 1	WINDOW GLAZE	01
2		31P120199-01B			01
3		31P120199-02A	BLDG. 31P - ROOF	TAR ROOFING MATERIAL	02
4		31P120199-02B			02
5		31P120199-03A	BLDG. 31P - EXTERIOR	BLACK FELT PAPER/PIPE WRAP	03
6		31P120199-03B			03
7		31P120199-03C			03
8		31P120199-04A	BLDG. 31P - INTERIOR WALL	PAINT	04
9		31P120199-04B	BLDG. 31P - EXTERIOR		04
10		31P120199-04C			04
11		31P120199-04D	BLDG. 31P - INTERIOR CEILING		04
12		31P120199-04E	BLDG. 31P - INTERIOR COLUMN		-04
13		31P120199-05A	BLDG. 31P - ROOM 1	GASKET	05
14					

AUG-12-1999 13:59 SCILAB BOSTON 781 337 8139 P.02/02

TOTAL P.02

HYGEIA PROSCIENCE BULK ASBESTOS CHAIN OF CUSTODY

99026850

HYGEIA PROSCIENCE
800 West Cummings Park, Suite 1900
Woburn, MA 01801
Phone (617) 933-5074 Fax (617) 938-1487

INTERNAL / ATC INFORMATION

Branch & Office #: ELM01
Qty Recv'd: 37 Rate:$
Requested Completion Date: 2/24/99
Project #: 618900003
Project Location: TANK FARM
Supplemental #:
Project Manager: DERRICK WISSMAN

GENERAL CLIENT INFORMATION

Client/Project: BBM/GENERAL ELECTRIC
Address: [redacted]
Sampled By/Date: ADAM LERKO 2/17/99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Please Circle Desired Turn Around Time

Same Day | (24 Hour) | 48 Hour | 3-4 Days | Standard 5-7 Days

Comments/Special Instructions: ANALYZE TO 1ST POSITIVE

Analyzed By: Date: Lab QC Approval By:

Lab ID	Field ID	Description	Visual: Color	Visual: Homogeneity	Visual: Texture	Visual: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indicies: OIL	Refractive Indicies: Fibers		% Asbestos Fibers Present: Chrysotile	% Asbestos Fibers Present: Amosite	% Asbestos Fibers Present: Crocidolite	% Asbestos Fibers Present: Tremolite	% Asbestos Fibers Present: Anthophyllite	% Asbestos Fibers Present: Actinolite	% Non Asbestos Present: Fiberglass	% Non Asbestos Present: Mineral Wool	% Non Asbestos Present: Cellulose	% Non Asbestos Present: Hair	% Non Asbestos Present: Synthetic	% Non Asbestos Present: Other	% Non Asbestos Present: Non Fibrous
	TF0217 -01A	TRANSITE BOARD/ TANK #3										1.550															
												1.680															
	TF0217 -01B	TRANSITE BOARD/ TANK #1										1.550															
												1.680															
	TF0217 -02A	BLACK GASKETS/ TANK #2										1.550															
												1.680															
	TF0217 -02B	BLACK GASKETS/ TANK #3										1.550															
												1.680															
	TF0217 -03A	CONCRETE FOUNDATION/ TANK #2										1.550															
												1.630															
	TF0217 -03B	CONCRETE FOUNDATION/ TANK #1										1.550															
												1.680															

Received By/Date: 2/23/99 0915

MAR-09-1999 18:25 SCIENTIFIC LABS

HYGEIA PROSCIENCE BULK ASBESTOS CHAIN OF CUSTODY 99026850

600 West Cummings Park, Suite 1900
Woburn, MA 01801
Phone (617) 933-5074 Fax (617) 938-1487

Please Circle Desired Turn-Around-Time

Same Day | 24 Hour | 48 Hour | 3-4 Days | Standard 5-7 Days

INTERNAL / ATC INFORMATION

Branch & Office #: ELM 01
Qty Recv'd: 37 Rate:$
Requested Completion Date: 2/24/99
Project #: 018900003
Project Location: TANK FARM
Supplemental #:
Project Manager: DERRICK WISSMAN

GENERAL CLIENT INFORMATION

Client/Project: BBM / GENERAL ELEC
Address: [redacted]
Sampled By/Date: ADAM LESKO 2/17/9
Results to: DERRICK WISSMAN
Phone #: 413-525-1168
Fax #: 413-525-8227

Comments/Special Instructions: ANALYZE TO 1% POSITIVE
Analyzed By: _____ Date: _____ Lab QC Approval By: _____

Lab ID	Field ID	Description	Visual: Color	Visual: Homogenity	Visual: Texture	Visual: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indicies: OIL	Refractive Indicies: Fibers II	Refractive Indicies: Fibers ⊥	% Asbestos Fibers Present: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	% Non Asbestos Present: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
	TF0217 -04A	BLACK SEALANT / TANK #3										1.550 1.680															
	TF0217 -04B	BLACK SEALANT / TANK #2										1.550 1.680															
	TF0217 -05A	FOAM BLOCK / TANK #2										1.550 1.680															
	TF0217 -05B	FOAM BLOCK / TANK #3										1.550 1.680															
	TF0217 -07A	GREEN PAINT / 10-C OIL TANK										1.550 1.630															
	TF0217 -07B	GREEN PAINT / 10-C OIL TANK										1.550 1.680															

Received By/Date: [signature] 2/23/99 0915

MAR-09-1999 18:26 SCIENTIFIC LABS

HYGEIA PROSCIENCE BULK ASBESTOS CHAIN OF CUSTODY 99026850

HYGEIA PROSCIENCE
800 West Cummings Park, Suite 1900
Woburn, MA 01801
Phone (617) 933-5074 Fax (617) 938-1487

Please Circle Desired Turn Around Time

Same Day | 24 Hour | 48 Hour | 3-4 Days | Standard 5-7 Days

INTERNAL / ATC INFORMATION

Branch & Office #: ELM01
Qty Recv'd: 37 Rate:$
Requested Completion Date: 2/24/99
Project #: 018790000.03
Project Location: TANK FARM
Supplemental #:
Project Manager: DERRICK WISSMAN

GENERAL CLIENT INFORMATION

Client/Project: BBM/GENERAL ELECTRIC
Address:
Sampled By/Date: ADAM LESKO 2/17/99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Comments/Special Instructions: ANALYZE TO 1ST POSITIVE
Analyzed By: Date: Lab QC Approval By:

Lab ID	Field ID	Description	Visual: Color	Visual: Homogeneity	Visual: Texture	Visual: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indices: OIL	Refractive Indices: Fibers	% Asbestos Fibers Present: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	% Non-Asbestos Present: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
	TF0217 -07C	GREEN PAINT/ 10-5 OIL TANK										1.550														
												1.680														
	TF0217 -07D	GREEN PAINT/ DAY TANK										1.550														
												1.680														
	TF0217 -07E	GREEN PAINT/ DAY TANK										1.550														
												1.680														
	TF0217 -08A	BLACK FELT CLOTH/ TANK FARM										1.550														
												1.680														
	TF0217 -08B	BLACK FELT CLOTH/ TANK FARM										1.550														
												1.630														
	TF0217 -09A	BLACK FELT DEBRIS/ TANK FARM										1.550														
												1.680														

Received By/Date: 2/23/99 0915

MAR-09-1999 18:26 SCIENTIFIC LABS

HYGEIA PROSCIENCE BULK ASBESTOS CHAIN OF CUSTODY

99026850

800 West Cummings Park, Suite 1900
Woburn, MA 01801
Phone (617) 933-5074 Fax (617) 938-1487

Please Circle Desired Turn-Around-Time

Same Day | 24 Hour | 48 Hour | 3-4 Days | Standard 5-7 Days

INTERNAL / ATC INFORMATION

Branch & Office #: ELM 01
Qty Recv'd: 37 Rate: $
Requested Completion Date: 2/24/99
Project #: 018760003
Project Location: TANK FARM
Supplemental #:
Project Manager: DERRICK WISSMAN

GENERAL CLIENT INFORMATION

Client/Project: BBM / GENERAL ELEC
Address:
Sampled By/Date: ADAM LEBLANC / 2/17/99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Comments/Special Instructions: ANALYZE TO 1ST POSITIVE
Analyzed By: Date: Lab QC Approval By:

Lab ID	Field ID	Description	Visual: Color	Visual: Homogeneity	Visual: Texture	Visual: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indicies: OIL	Refractive Indicies: Fibers II	Refractive Indicies: Fibers ⊥	% Asbestos Fibers Present: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	% Non-Asbestos Present: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
	TF0217 -09B	BLACK FELT DEBRIS / TANK FARM										1.550 1.680															
	TF0817 -10A	GREY BLOCKS / TANK FARM										1.550 1.680															
	TF0217 -10B	" " " "										1.550 1.680															
	TF0217 -11A	BLACK AND GRAY FELT PAPER PIPE INSULATION WRAP / DAY TANK										1.550 1.680															
	TF0217 -11B	" " " " "										1.550 1.630															
	TF0217 -11C	" " " " "										1.550 1.680															

Received By/Date: 2/23/99 0915

HYGEIA PROSCIENCE BULK ASBESTOS CHAIN OF CUSTODY 99026850

HYGEIA PROSCIENCE
600 West Cummings Park, Suite 1900
Woburn, MA 01801
Phone (617) 933-5074 Fax (617) 938-1487

INTERNAL / ATC INFORMATION

Branch & Office #: ELM01
Qty Recv'd: 37 Rate:$
Requested Completion Date: 2/24/99
Project #: 01B7C0002
Project Location: TANK FARM
Supplemental #:
Project Manager: DERRICK WISSMAN

GENERAL CLIENT INFORMATION

Client/Project: BBM/GENERAL ELECTRIC
Address:
Sampled By/Date: ADAM LEWIS/2/17/99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8222

Please Circle Desired Turn Around Time

Same Day | 24 Hour | 48 Hour | 3-4 Days | Standard 5-7 Days

Comments/Special Instructions: ANALYZE TO 1% POSITIVE
Analyzed By: Date: Lab QC Approval By:

Lab ID	Field ID	Description	Visual: Color	Visual: Homogeneity	Visual: Texture	Visual: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indicies: OIL	Refractive Indicies: Fibers II	Refractive Indicies: Fibers ⊥	% Asbestos Fibers Present: Chrysotile	% Asbestos Fibers Present: Amosite	% Asbestos Fibers Present: Crocidolite	% Asbestos Fibers Present: Tremolite	% Asbestos Fibers Present: Anthophyllite	% Asbestos Fibers Present: Actinolite	% Non Asbestos Present: Fiberglass	% Non Asbestos Present: Mineral Wool	% Non Asbestos Present: Cellulose	% Non Asbestos Present: Hair	% Non Asbestos Present: Synthetic	% Non Asbestos Present: Other	% Non Asbestos Present: Non Fibrous
	TF0217 -12A	RED GASKET/ DAY TANK										1.550															
												1.680															
	TF0217 -12B	" " " "										1.550															
												1.680															
	TF0217 -13A	WHITE WINDOW GLAZE/ PUMPHOUSE (3IJ)										1.550															
												1.680															
	TF0217 -13B	" " " " "										1.550															
												1.680															
	TF0217 -14A	WHITE DOOR [redacted] CAULK/ PUMPHOUSE (3IJ)										1.550															
												1.680															
	TF0217 -14B	" " " " "										1.550															
												1.680															

Received By/Date: 2/23/99 0915

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FEB-09-1999 18:22

HYGEIA PROSCIENCE BULK ASBESTOS CHAIN OF CUSTODY 990268850

HYGEIA PROSCIENCE
600 West Cummings Park, Suite 1900
Woburn, MA 01801
Phone (617) 933-5074 Fax (617) 938-1487

INTERNAL / ATC INFORMATION
Branch & Office #: ELM 21
Qty Recv'd: 37 Rate:$
Requested Completion Date: 2/24/99
Project #: 018900002
Project Location: TANK FARM
Supplemental #:
Project Manager: DERRICK WISSMAN

GENERAL CLIENT INFORMATION
Client/Project: BBM/GENERAL ELEC
Address:
Sampled By/Date: ADAMIEC 2/17/99
Results to: DERRICK WISSMAN
Phone #: 413-525-1998
Fax #: 413-525-8207

Please Circle Desired Turn Around Time
Same Day | 24 Hour | 48 Hour | 3-4 Days | Standard 5-7 Days

Comments/Special Instructions: ANALYZE TO 1ST POSITIVE
Analyzed By: Date: Lab QC Approval By:

Lab ID	Field ID	Description	Visual: Color	Visual: Homogeneity	Visual: Texture	Visual: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indicies: OIL	Refractive Indicies: Fibers II	Refractive Indicies: Fibers ⊥	% Asbestos Fibers Present: Chrysotile	% Asbestos Fibers Present: Amosite	% Asbestos Fibers Present: Crocidolite	% Asbestos Fibers Present: Tremolite	% Asbestos Fibers Present: Anthophyllite	% Asbestos Fibers Present: Actinolite	% Non Asbestos Present: Fibrous	% Non Asbestos Present: Mineral Wool	% Non Asbestos Present: Cellulose	% Non Asbestos Present: Hair	% Non Asbestos Present: Synthetic	% Non Asbestos Present: Other	% Non Asbestos Present: Non Fibrous
	TF0217 -15A	WHITE WINDOW CAULK/ PUMPHOUSE (315)										1.550															
												1.680															
	TF0217 -15B	" " " " "										1.550															
												1.680															
	TF0217 -16A	BLACK ROOF SEALANT/ PUMPHOUSE (315)										1.550															
												1.680															
	TF0217 -16B	" " " " "										1.550															
												1.680															
	TF0217 -17A	BLACK FELT PAPER PIPE INSULATION WRAP/ PUMPHOUSE (315)										1.550															
												1.630															
	TF0217 -17B	" " " " "										1.550															
												1.680															

Received By/Date: 2/23/99 0915

HYGEIA PROSCIENCE BULK ASBESTOS CHAIN OF CUSTODY

99026850

800 West Cummings Park, Suite 1900
Woburn, MA 01801
Phone (617) 933-5074 Fax (617) 938-1487

Please Circle Desired Turn Around Time

Same Day | 24 Hour | 48 Hour | 3-4 Days | Standard 5-7 Days

INTERNAL / ATC INFORMATION

Branch & Office #: ELM 01
Qty Recv'd: 37 Rate:$
Requested Completion Date: 2/24/99
Project #: 01900002
Project Location: TANK FARM
Supplemental #:
Project Manager: DERRICK WISSMAN

GENERAL CLIENT INFORMATION

Client/Project: BBM/GENERAL ELECTRIC
Address:
Sampled By/Date: ADAM USKO 2/17/99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8221

Comments/Special Instructions: ANALYZE TO 1ST POSITIVE
Analyzed By: Date: Lab QC Approval By:

Lab ID	Field ID	Description	Visual: Color	Visual: Homogeneity	Visual: Texture	Visual: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indicies: OIL	Refractive Indicies: Fibers II	Refractive Indicies: Fibers ⊥	% Asbestos Fibers Present: Chrysotile	% Asbestos Fibers Present: Amosite	% Asbestos Fibers Present: Crocidolite	% Asbestos Fibers Present: Tremolite	% Asbestos Fibers Present: Anthophyllite	% Asbestos Fibers Present: Actinolite	% Non Asbestos Present: Fibrous Glass	% Non Asbestos Present: Mineral Wool	% Non Asbestos Present: Cellulose	% Non Asbestos Present: Hair	% Non Asbestos Present: Synthetic	% Non Asbestos Present: Other	% Non Fibrous
	TF021	BLACK FELT PAPER PIPE INSULATION WRAP/ PUMPHOUSE (31J)										1.550															
	-17C											1.680															
												1.550															
												1.680															
												1.550															
												1.680															
												1.550															
												1.680															
												1.550															
												1.630															
												1.550															
												1.680															

Received By/Date: 2/22/99 2/23/99 0975

TOTAL P.13

MAR-09-1999 18:28 SCIENTIFIC LABS 212 8[illegible]

SCILAB
FULL SERVICE ENVIRONMENTAL LABORATORIES

SCILAB BOSTON, INC.
8 SCHOOL STREET
WEYMOUTH, MA 02189
TEL: (781) 337-9334 • FAX: (781) 337-7642

PLM Bulk Asbestos Report

ATC Associates, Inc., East Longmeadow
Attn: Sandy Fabian
39 Spruce Street
1st Floor
East Longmeadow, MA 01028

Date Received 12/03/99
Date Examined 12/03/99

SciLab Job No. 399121768
P.O. # Blasland, Bouck and

RE: Blasland, Bouck and Lee; GE Pittsfield

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
315120199-01A	399121768-01	*No*	NAD
01 **Location:** Bldg. 31J - Exterior			
Description: Grey, Homogeneous, Cementitious, Brick Mortar			
Asbestos Types:			
Other Material: Non-fibrous 100. %			
315120199-01B	399121768-02	*No*	NAD
01 **Location:** Bldg. 31J - Exterior			
Description: Grey, Homogeneous, Cementitious, Brick Mortar			
Asbestos Types:			
Other Material: Non-fibrous 100. %			
315120199-02A	399121768-03	*No*	NAD
02 **Location:** Bldg. 31J - Room 1			
Description: Grey/Black, Heterogeneous, Gasket			
Asbestos Types:			
Other Material: Cellulose 25. %, Non-fibrous 75. %			
315120199-03A	399121768-04	*No*	NAD
03 **Location:** Bldg. 31J - Room 1 South			
Description: Grey, Homogeneous, Pressboard			
Asbestos Types:			
Other Material: Non-fibrous 100. %			
315120199-03B	399121768-05	*No*	NAD
03 **Location:** Bldg. 31J - Room 1 North			
Description: Grey, Homogeneous, Pressboard			
Asbestos Types:			
Other Material: Non-fibrous 100. %			

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FULL SERVICE ENVIRONMENTAL LABORATORIES

SCILAB BOSTON, INC.
8 SCHOOL STREET
WEYMOUTH, MA 02189
TEL: (781) 337-9334 • FAX: (781) 337-7642

PLM Bulk Asbestos Report

ATC Associates, Inc., East Longmeadow
Attn: Sandy Fabian
39 Spruce Street
1st Floor
East Longmeadow, MA 01028

Date Received 12/03/99
Date Examined 12/03/99

SciLab Job No. 399121768
P.O. # Blasland, Bouck and

RE: Blasland, Bouck and Lee; GE Pittsfield

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
315120199-04A	399121768-06	*No*	NAD
04 **Location:** Bldg. 31J - Room 1 East			
Description: Grey, Heterogeneous, Industrial Coat **Asbestos Types:** **Other Material:** Cellulose 15. %, Non-fibrous 85. %			
315120199-04B	399121768-07	*No*	NAD
04 **Location:** Bldg. 31J - Room 2 West			
Description: Grey, Heterogeneous, Industrial Coat **Asbestos Types:** **Other Material:** Non-fibrous 100. %			
315120199-04C	399121768-08	*No*	NAD
04 **Location:** Bldg. 31J - Room 2 East			
Description: Grey, Heterogeneous, Industrial Coat **Asbestos Types:** **Other Material:** Non-fibrous 100. %			
315120199-05A	399121768-09	*Yes*	20 %
05 **Location:** Bldg. 31J - Room 1			
Description: Grey, Heterogeneous, Transite Pipe **Asbestos Types:** Chrysotile 20. % **Other Material:** Non-fibrous 80. %			
315120199-06A	399121768-10	*No*	NAD
06 **Location:** Bldg. 31J - Roof			
Description: Black, Heterogeneous, Roofing Material **Asbestos Types:** **Other Material:** Synthetic fibers 10. %, Non-fibrous 90. %			

SCILAB
FULL SERVICE ENVIRONMENTAL LABORATORIES

SCILAB BOSTON, INC.
8 SCHOOL STREET
WEYMOUTH, MA 02189
TEL: (781) 337-9334 • FAX: (781) 337-7642

PLM Bulk Asbestos Report

ATC Associates, Inc., East Longmeadow
Attn: Sandy Fabian
39 Spruce Street
1st Floor
East Longmeadow, MA 01028

Date Received 12/03/99
Date Examined 12/03/99

SciLab Job No. 399121768
P.O. # Blasland, Bouck and

RE: Blasland, Bouck and Lee; GE Pittsfield

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
315120199-06B	399121768-11	*No*	NAD
06 **Location:** Bldg. 31J - Roof			
Description: Black, Heterogeneous, Roofing Material			
Asbestos Types:			
Other Material: Synthetic fibers 10. %, Non-fibrous 90. %			
315120199-07A	399121768-12	*No*	NAD
07 **Location:** Bldg. 31J - Roof			
Description: Black, Heterogeneous, Roofing Felt			
Asbestos Types:			
Other Material: Cellulose 65. %, Non-fibrous 35. %			
315120199-07B	399121768-13	*No*	NAD
07 **Location:** Bldg. 31J - Roof			
Description: Black, Heterogeneous, Roofing Felt			
Asbestos Types:			
Other Material: Cellulose 65. %, Non-fibrous 35. %			

Reporting Notes:

Analyzed by: Bryan Manke

*NAD/NSD = no asbestos detected; NA = not analyzed; Bulk Asbestos Analysis per 40 CFR 763, Subpart F, Appendix A and ELAP Analysis Protocols 198.1/198.4 for New York samples: Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This report relates ONLY to the items tested.

Reviewed by:_____

3991176

SCILAB

8 SCHOOL STREET
WEYMOUTH, MA 02189
(781) 337-9334 FAX (781) 337-7642

Relinquished by: Sullivan 9:30 Date/Time: 12/1/99
Received by: Date/Time: 12:3:99
Relinquished by: Date/Time:
Received by: Date/Time:
Relinquished by:

Project Name: BLASLAND, BOUCK AND LEE
Project Number: TBA
Project Address: GE PITTSFIELD

Analysis Type: PLM
Positive Stop: (Y) N
Turnaround: 24 HR.
Fax Copy by: 12/4/99
Hard Copy by:

Sampled by: ADAM LESKO Date: 12/1/99
Project Manager: DERRICK WISSMAN
Results to: SANDY FABIAN
Emergency Pager:
Additional Fax Numbers:
Special Instructions or Comments: ANALYZE TO 1ST POSITIVE

Lab ID	Field ID	Location	Sample Description	Homogenous Area
1	315120199-01A	BLDG. 31J - EXTERIOR	BRICK MORTAR	01
2	315120199-01B			01
3	315120199-02A	BLDG. 31J - ROOM 1	GASKET	02
4	315120199-03A	BLDG. 31J - ROOM 1 SOUTH	PRESSBOARD	03
5	315120199-03B	BLDG. 31J - ROOM 1 NORTH		03
6	315120199-04A	BLDG. 31J - ROOM 1 EAST	INDUSTRIAL COAT	04
7	315120199-04B	BLDG. 31J - ROOM 2 WEST		04
8	315120199-04C	BLDG. 31J - ROOM 2 EAST		04
9	315120199-05A	BLDG. 31J - ROOM 1	TRANSITE PIPE	05
10				
11 12	315120199-06A	BLDG. 31J - ROOF	ROOFING MATERIAL	06
12 13	315120199-06B			06
13 14	315120199-07A		ROOFING FELT	07
(8)	315120199-07B			07

JG-12-1999 13:59 SCILAB BOSTON 781 337 8139 TOTAL P.02

ATTACHMENT E

LABORATORY REPORTS/CHAIN-OF-CUSTODY (TEM ASBESTOS)

SciLab Job#: 99-02-6850
Client Name: ATC Associates

Table I
Summary of Bulk Asbestos Analysis Results

01879.00003; BBM/General Electric

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	TF0217-01A Transite Board/ Tank #3	1	—	—	—	—	Chrysotile 17.	NA
02	TF0217-01B Transite Board/ Tank #1	1	—	—	—	—	NA/PS	NA
03	TF0217-02A Black Gaskets/ Tank #2	2	—	—	—	—	Chrysotile 14.	NA
04	TF0217-02B Black Gaskets/ Tank #3	2	—	—	—	—	NA/PS	NA
05	TF0217-03A Concrete Foundation/ Tank #2	3	—	—	—	—	NAD	NA
06	TF0217-03B Concrete Foundation/ Tank #1	3	—	—	—	—	NAD	NA
07	TF0217-04A Black Sealant/ Tank #3	4	—	—	—	—	Chrysotile 11.	NA
08	TF0217-04B Black Sealant/ Tank #2	4	—	—	—	—	NA/PS	NA

Reviewed by: _____

PLM analyst: Paul Mucha/V._____; TEM analyst: Lance Tuckruskye_____

Quantification should be considered qualitative only (positive or negative) for beginning sample weights of less than 0.1 grams. NAD = no asbestos detected, NA = not analyzed, NVA = no visible asbestos, Trace = <1%; NAPS = not analyzed positive stop; Bulk Asbestos Analysis - PLM per 40 CFR 763, Subpt F, Appd A; - TEM by Chatfield and ELAP Analysis Protocol PLM-198.1/TEM-198.4 for New York samples (ELAP#: 11480); Note: TEM resolves all asbestos fibers whereas PLM typically will not resolve fibers <~0.2 microns in diameter.

Reviewed By: _____

SciLab Job#: 99-02-6850
Client Name: ATC Associates

Table I
Summary of Bulk Asbestos Analysis Results

01879.00003; BBM/General Electric

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
09	TF0217-05A Foam Block/ Tank #2	5	—	—	—	—	NAD	NA
10	TF0217-05B Foam Block/ Tank #3	5	—	—	—	—	NAD	NA
11	TF0217-07A Green Paint/ 10-C Oil Tank	7	—	—	—	—	NAD	NA
12	TF0217-07B Green Paint/ 10-C Oil Tank	7	—	—	—	—	NAD	NA
13	TF0217-07C Green Paint/ 10-C Oil Tank	7	—	—	—	—	NAD	NA
14	TF0217-07D Green Paint/ Day Tank	7	—	—	—	—	NAD	NA
15	TF0217-07E Green Paint/ Day Tank	7	—	—	—	—	NAD	NA
16	TF0217-08A Black Felt Cloth/ Tank Farm	8	—	—	—	—	Chrysotile 27.	NA

Reviewed by: _____

PLM analyst: Paul Mucha/V._____; TEM analyst: Lance Tuckruskye_____

Quantification should be considered qualitative only (positive or negative) for beginning sample weights of less than 0.1 grams. NAD = no asbestos detected; NA = not analyzed, NVA = no visible asbestos; Trace = <1%; NAPS = not analyzed positive stop; Bulk Asbestos Analysis - PLM per 40 CFR 763, Subpt F, Appd A; - TEM by Chatfield and ELAP Analysis Protocol PLM-198.1/TEM-198.4 for New York samples (ELAP#: 11480); Note: TEM resolves all asbestos fibers whereas PLM typically will not resolve fibers <~0.2 microns in diameter.

Reviewed By: _____

SciLab Job#: 99-02-6850
Client Name: ATC Associates

Table I
Summary of Bulk Asbestos Analysis Results

01879.00003; BBM/General Electric

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	TF0217-08B Black Felt Cloth/ Tank Farm	8	—	—	—	—	NA/PS	NA
18	TF0217-09A Black Felt Debris/ Tank Farm	9	—	—	—	—	Chrysotile 19.	NA
19	TF0217-09B Black Felt Debris/ Tank Farm	9	—	—	—	—	NA/PS	NA
20	TF0217-10A Grey Blocks/ Tank Farm	10	—	—	—	—	NAD	NA
21	TF0217-10B Grey Blocks/ Tank Farm	10	—	—	—	—	NAD	NA
22	TF0217-11A Black And Grey Felt Paper Pipe Insulation Wrap/ Day Tank	11	—	—	—	—	NAD	NA
23	TF0217-11B Black And Grey Felt Paper Pipe Insulation Wrap/ Day Tank	11	—	—	—	—	NAD	NA
24	TF0217-11C Black And Grey Felt Paper Pipe Insulation Wrap/ Day Tank	11	—	—	—	—	NAD	NA

Reviewed by: _____

PLM analyst: Paul Mucha/V._____; TEM analyst: Lance Tuckruskye_____

Quantification should be considered qualitative only (positive or negative) for beginning sample weights of less than 0.1 grams. NAD = no asbestos detected; NA = not analyzed; NVA = no visible asbestos; Trace = <1%; NAPS = not analyzed positive stop; Bulk Asbestos Analysis - PLM per 40 CFR 763, Subpt F, Appd A; - TEM by Chatfield and ELAP Analysis Protocol PLM-198.1/TEM-198.4 for New York samples (ELAP#: 11480); Note: TEM resolves all asbestos fibers whereas PLM typically will not resolve fibers <~0.2 microns in diameter.

Reviewed By: _____

SciLab Job#: 99-02-6850
Client Name: ATC Associates

Table I
Summary of Bulk Asbestos Analysis Results

01879.00003; BBM/General Electric

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
25	TF0217-12A Red Gaskets/ Day Tank	12	0.338	31.95	14.50	53.55	NAD	NAD
26	TF0217-12B Red Gaskets/ Day Tank	12	—	—	—	—	NAD	NA
27	TF0217-13A White Window Glaze/ Pump House (31J)	13	—	—	—	—	NAD	NA
28	TF0217-13B White Window Glaze/ Pump House (31J)	13	0.149	5.37	87.25	5.88	NAD	Chrysotile 1.5 Anthophyllite Trace
29	TF0217-14A White Door Caulk/ Pump House (31J)	14	0.337	35.01	44.51	20.47	NAD	NAD
30	TF0217-14B White Door Caulk/ Pump House (31J)	14	—	—	—	—	NAD	NA
31	TF0217-15A White Window Caulk/ PumpHouse (31J)	15	—	—	—	—	NAD	NA
32	TF0217-15B White Window Caulk/ PumpHouse (31J)	15	0.094	47.87	30.85	21.28	NAD	NAD

Reviewed by: _____

PLM analyst: Paul Mucha/V._____; TEM analyst: Lance Tuckruskye_____

Quantification should be considered qualitative only (positive or negative) for beginning sample weights of less than 0.1 grams. NAD = no asbestos detected; NA = not analyzed, NVA = no visible asbestos; Trace = <1%; NAPS = not analyzed positive stop; Bulk Asbestos Analysis - PLM per 40 CFR 763, Subpt F, Appd A; - TEM by Chatfield and ELAP Analysis Protocol PLM-198.1/TEM-198.4 for New York samples (ELAP#: 11480); Note: TEM resolves all asbestos fibers whereas PLM typically will not resolve fibers <=0.2 microns in diameter.

Reviewed By: _____

SciLab Job#: 99-02-6850
Client Name: ATC Associates

Table I
Summary of Bulk Asbestos Analysis Results

01879.00003; BBM/General Electric

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
33	TF0217-16A Black Roof Sealant/ Pump House (31J)	16	—	—	—	—	Chrysotile 14.	NA
34	TF0217-16B Black Roof Sealant/ Pump House (31J)	16	—	—	—	—	NA/PS	NA
35	TF0217-17A Black Felt Paper Pipe Insulation Wrap/ Pump House (31J)	17	—	—	—	—	NAD	NA
36	TF0217-17B Black Felt Paper Pipe Insulation Wrap/ Pump House (31J)	17	—	—	—	—	NAD	NA
37	TF0217-17C Black Felt Paper Pipe Insulation Wrap/ Pump House (31J)	17	—	—	—	—	NAD	NA

Reviewed by: _____

PLM analyst: Paul Mucha/V._____; TEM analyst: Lance Tuckruskye_____

Quantification should be considered qualitative only (positive or negative) for beginning sample weights of less than 0.1 grams. NAD = no asbestos detected; NA = not analyzed; NVA = no visible asbestos; Trace = <1%; NAPS = not analyzed positive stop; Bulk Asbestos Analysis - PLM per 40 CFR 763, Subpt F, Appd A; - TEM by Chatfield and ELAP Analysis Protocol PLM-198.1/TEM-198.4 for New York samples (ELAP#: 11480), Note: TEM resolves all asbestos fibers whereas PLM typically will not resolve fibers <~0.2 microns in diameter

Reviewed By: _____

HYGEIA PROSCIENCE BULK ASBESTOS CHAIN OF CUSTODY

99026850

600 West Cummings Park, Suite 1900
Woburn, MA 01801
Phone (617) 933-5074 Fax (617) 938-1487

INTERNAL / ATC INFORMATION

Branch & Office #: ELM 01
Qty Recv'd: 37 Rate: $
Requested Completion Date: 2/24/99
Project #: 018790000003
Project Location: TANK FARM
Supplemental #:
Project Manager: DERRICK WISSMAN

GENERAL CLIENT INFORMATION

Client/Project: BBM / GENERAL ELECTRIC
Address: [redacted]
Sampled By/Date: ADAM LERKO / 2/17/99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Please Circle Desired Turn Around Time

Same Day | (24 Hour) | 48 Hour | 3-4 Days | Standard 5-7 Days

Comments/Special Instructions: ANALYZE TO 1ST POSITIVE

Date: Lab QC Approval By:

Analyzed By:

Lab ID	Field ID	Description	Visual: Color	Visual: Homogeneity	Visual: Texture	Visual: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indicies: OIL	Refractive Indicies: Fibers II	Refractive Indicies: Fibers ⊥	% Asbestos Fibers Present: Chrysotile	% Asbestos Fibers Present: Amosite	% Asbestos Fibers Present: Crocidolite	% Asbestos Fibers Present: Tremolite	% Asbestos Fibers Present: Anthophyllite	% Asbestos Fibers Present: Actinolite	% Non Asbestos Present: Fibrous	% Non Asbestos Present: Fibrous	% Non Asbestos Present: Cellulose	% Non Asbestos Present: Hair	% Non Asbestos Present: Synthetic	% Non Asbestos Present: Other	% Non Asbestos Present: Non Fibrous
	TF0217 -01A	TRANSITE BOARD / TANK #3										1.550															
												1.680															
	TF0217 -01B	TRANSITE BOARD / TANK #1										1.550															
												1.680															
	TF0217 -02A	BLACK GASKETS / TANK #2										1.550															
												1.680															
	TF0217 -02B	BLACK GASKETS / TANK #3										1.550															
												1.680															
	TF0217 -03A	CONCRETE FOUNDATION / TANK #2										1.550															
												1.630															
	TF0217 -03B	CONCRETE FOUNDATION / TANK #1										1.550															
												1.680															

Relinquished By/Date: [signature] 2/20/99

Received By/Date: [signature] 2/23/99 0915

MAR-09-1999 18:25 SCIENTIFIC LABS

HYGEIA PROSCIENCE BULK ASBESTOS CHAIN OF CUSTODY 99026850

600 West Cummings Park, Suite 1900
Woburn, MA 01801
Phone (617) 933-5074 Fax (617) 938-1487

INTERNAL / ATC INFORMATION

Branch & Office #: ELM 81
Qty Recv'd: 37 Rate:$
Requested Completion Date: 2/24/99
Project #: 018A00003
Project Location: TANK FARM
Supplemental #:
Project Manager: DERRICK WISSMAN

GENERAL CLIENT INFORMATION

Client/Project: BBM / GENERAL ELECT
Address:
Sampled By/Date: ADAM LEVEQ 2/17/9
Results to: DERRICK WISSMAN
Phone #: 413-525-198
Fax #: 413-525-8227

Please Circle Desired Turn-Around Time

Same Day | 24 Hour | 48 Hour | 3-4 Days | Standard 5-7 Days

Comments/Special Instructions: ANALYZE TO 1% POSITIVE

Analyzed By: Date: Lab QC Approval By:

Lab ID	Field ID	Description	Visual: Color	Visual: Homogeneity	Visual: Texture	Visual: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indicies: OIL	Refractive Indicies: Fibers II	Refractive Indicies: Fibers ⊥	% Asbestos Fibers Present: Chrysotile	% Asbestos Fibers Present: Amosite	% Asbestos Fibers Present: Crocidolite	% Asbestos Fibers Present: Tremolite	% Asbestos Fibers Present: Anthophyllite	% Asbestos Fibers Present: Actinolite	% Non Asbestos Present: Fiberglass	% Non Asbestos Present: Mineral Wool	% Non Asbestos Present: Cellulose	% Non Asbestos Present: Hair	% Non Asbestos Present: Synthetic	% Non Asbestos Present: Other	% Non Fibrous
	TF0217 -04A	BLACK SEALANT / TANK #3										1.550 1.680															
	TF0217 -04B	BLACK SEALANT / TANK #2										1.550 1.680															
	TF0217 -05A	FOAM BLOCK / TANK #2										1.550 1.680															
	TF0217 -05B	FOAM BLOCK / TANK #3										1.550 1.680															
	TF0217 -07A	GREEN PAINT / 10-C OIL TANK										1.550 1.630															
	TF0217 -07B	GREEN PAINT / 10-C OIL TANK										1.550 1.680															

Relinquished By/Date: 2/20/99

Received By/Date:

Received By/Date: 2/23/99 0915

HYGEIA PROSCIENCE BULK ASBESTOS CHAIN OF CUSTODY 99026850

600 West Cummings Park, Suite 1900
Woburn, MA 01801
Phone (617) 933-5074 Fax (617) 938-1487

INTERNAL / ATC INFORMATION

Branch & Office #: ELM01
Qty Recv'd: 37 Rate:$
Requested Completion Date: 2/24/99
Project #: 01879000003
Project Location: TANK FARM
Supplemental #:
Project Manager: DERRICK WISSMAN

GENERAL CLIENT INFORMATION

Client/Project: BBM/GENERAL ELECTRIC
Address:
Sampled By/Date: ADAM LEBVO 2/17/99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Please Circle Desired Turn Around Time

Same Day | 24 Hour | 48 Hour | 3-4 Days | Standard 5-7 Days

Comments/Special Instructions: ANALYZE TO 1ST POSITIVE

Analyzed By: Date: Lab QC Approval By:

Lab ID	Field ID	Description	Visual: Color	Visual: Homogeneity	Visual: Texture	Visual: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indicies: OIL	Refractive Indicies: Fibers	% Asbestos Fibers Present: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	% Non Asbestos Present: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non Fibrous
	TF0217 -07C	GREEN PAINT/ ID-5 OIL TANK										1.550 1.680														
	TF0217 -07D	GREEN PAINT/ DAY TANK										1.550 1.680														
	TF0217 -07E	GREEN PAINT/ DAY TANK										1.550 1.680														
	TF0217 -08A	BLACK FELT CLOTH/ TANK FARM										1.550 1.680														
	TF0217 -08B	BLACK FELT CLOTH/ TANK FARM										1.550 1.630														
	TF0217 -09A	BLACK FELT DEBRIS/ TANK FARM										1.550 1.680														

Received By/Date: 2/23/99 0915

MAR-09-1999 18:26 SCIENTIFIC LABS

99026850

HYGEIA PROSCIENCE BULK ASBESTOS CHAIN OF CUSTODY

800 West Cummings Park, Suite 1900
Woburn, MA 01801
Phone (617) 933-5074 Fax (617) 938-1487

Please Circle Desired Turn Around Time

Same Day | 24 Hour | 48 Hour | 3-4 Days | Standard 5-7 Days

INTERNAL / ATC INFORMATION

Branch & Office #: ELM01
Qty Recv'd: 37 Rate:$
Requested Completion Date: 2/24/99
Project #: 01B000003
Project Location: TANK FARM
Supplemental #:
Project Manager: DERRICK WISSMAN

GENERAL CLIENT INFORMATION

Client/Project: BBM/GENERAL ELEC
Address:
Sampled By/Date: ADAM LEWIS/2/17/99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Comments/Special Instructions: ANALYZE TO 1ST POSITIVE
Analyzed By: Date: Lab QC Approval By:

Lab ID	Field ID	Description	Visual: Color	Visual: Homogeneity	Visual: Texture	Visual: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indicies: OIL	Refractive Indicies: Fibers II	Refractive Indicies: Fibers ⊥	% Asbestos Fibers Present: Chrysotile	% Asbestos Fibers Present: Amosite	% Asbestos Fibers Present: Crocidolite	% Asbestos Fibers Present: Tremolite	% Asbestos Fibers Present: Anthophyllite	% Asbestos Fibers Present: Actinolite	% Non Asbestos Present: Fiberglass	% Non Asbestos Present: Mineral Wool	% Non Asbestos Present: Cellulose	% Non Asbestos Present: Hair	% Non Asbestos Present: Synthetic	% Non Asbestos Present: Other	% Non Fibrous
	TF0217 -09B	BLACK FELT DEBRIS/ TANK FARM										1.550															
												1.680															
	TF0817 -10A	GREY BLOCKS/ TANK FARM										1.550															
												1.680															
	TF0217 -10B	" " " "										1.550															
												1.680															
	TF0217 -11A	BLACK AND GRAY FELT PAPER PIPE INSULATION WRAP/ DAY TANK										1.550															
												1.680															
	TF0217 -11B	" " " " "										1.550															
												1.630															
	TF0217 -11C	" " " " "										1.550															
												1.680															

Received By/Date: 2/23/99 0915

HYGEIA PROSCIENCE BULK ASBESTOS CHAIN OF CUSTODY 99026850

600 West Cummings Park, Suite 1900
Woburn, MA 01801
Phone (617) 933-5074 Fax (617) 938-1487

INTERNAL / ATC INFORMATION

Branch & Office #: ELM 01
Qty Recv'd: 37 Rate:$
Requested Completion Date: 2/24/99
Project #: 01879.0002
Project Location: TANK FARM
Supplemental #:
Project Manager: DERRICK WISSMAN

GENERAL CLIENT INFORMATION

Client/Project: BBM/GENERAL ELECTRIC
Address:

Sampled By/Date: ADAM LEBLANC/2/17/99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Please Circle Desired Turn-Around Time

Same Day | 24 Hour | 48 Hour | 3-4 Days | Standard 5-7 Days

Comments/Special Instructions: ANALYZE TO 1ST POSITIVE

Analyzed By: Date: Lab QC Approval By:

Lab ID	Field ID	Description	Visual: Color	Visual: Homogeneity	Visual: Texture	Visual: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indicies: OIL	Refractive Indicies: Fibers ‖	Refractive Indicies: Fibers ⊥	% Asbestos Fibers Present: Chrysotile	% Asbestos Fibers Present: Amosite	% Asbestos Fibers Present: Crocidolite	% Asbestos Fibers Present: Tremolite	% Asbestos Fibers Present: Anthophyllite	% Asbestos Fibers Present: Actinolite	% Non Asbestos Present: Fiberglass	% Non Asbestos Present: Mineral Wool	% Non Asbestos Present: Cellulose	% Non Asbestos Present: Hair	% Non Asbestos Present: Synthetic	% Non Asbestos Present: Other	% Non Asbestos Present: Non Fibrous
	TF0217 -12A	RED GASKETS/ DAY TANK										1.550 / 1.680															
	TF0217 -12B	" " " "										1.550 / 1.680															
	TF0217 -13A	WHITE WINDOW GLAZE/ PUMPHOUSE (3IJ)										1.550 / 1.680															
	TF0217 -13B	" " " " "										1.550 / 1.680															
	TF0217 -14A	WHITE DOOR [redacted] CAULK/ PUMPHOUSE (3IJ)										1.550 / 1.630															
	TF0217 -14B	" " " " "										1.550 / 1.680															

Relinquished By/Date: 2/22/99

Received By/Date: 2/23/99 0915

MAR-09-1999 18:27 SCIENTIFIC LABS

HYGEIA PROSCIENCE BULK ASBESTOS CHAIN OF CUSTODY 99026850

600 West Cummings Park, Suite 1900
Woburn, MA 01801
Phone (617) 933-5074 Fax (617) 938-1487

INTERNAL / ATC INFORMATION

Branch & Office #: ELM81
Qty Recv'd: 37 Rate:$
Requested Completion Date: 2/24/99
Project #: 018900002
Project Location: TANK FARM
Supplemental #:
Project Manager: DERRICK WISSMAN

GENERAL CLIENT INFORMATION

Client/Project: BBM/GENERAL ELEC
Address:
Sampled By/Date: ADAM LEVO 2/17/99
Results to: DERRICK WISSMAN
Phone #: 413-525-1982
Fax #: 413-525-8207

Please Circle Desired Turn Around Time

Same Day | 24 Hour | 48 Hour | 3-4 Days | Standard 5-7 Days

Comments/Special Instructions: ANALYZE FIRST POSITIVE
Analyzed By: Date: Lab QC Approval By:

Lab ID	Field ID	Description	Visual: Color	Visual: Homogeneity	Visual: Texture	Visual: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indicies: OIL	Refractive Indicies: Fibers II	Refractive Indicies: Fibers ⊥	% Asbestos Fibers Present: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	% Non Asbestos Present: Fibrous Glass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non Fibrous
	TF0217 -15A	WHITE WINDOW CAULK/ PUMPHOUSE (3I5)										1.550															
												1.680															
	TF0217 -15B	" " " " "										1.550															
												1.680															
	TF0217 -16A	BLACK ROOF SEALANT/ PUMPHOUSE (3I5)										1.550															
												1.680															
	TF0217 -16B	" " " " "										1.550															
												1.680															
	TF0217 -17A	BLACK FELT PAPER PIPE INSULATION WRAP/ PUMPHOUSE (3I5)										1.550															
												1.630															
	TF0217 -17B	" " " " "										1.550															
												1.680															

Relinquished By/Date: 2/22/99
Received By/Date: (1) 2/23/99 0915

MAR-09-1999 18:27 SCIENTIFIC LABS 212 813 3332

HYGEIA PROSCIENCE BULK ASBESTOS CHAIN OF CUSTODY

99026850

800 West Cummings Park, Suite 1900
Woburn, MA 01801
Phone (617) 933-5074 Fax (617) 938-1487

INTERNAL / ATC INFORMATION

Branch & Office #: ELM 01
Qty Recv'd: 37 Rate:$
Requested Completion Date: 2/24/99
Project #: 018A00002
Project Location: TANK FARM
Supplemental #:
Project Manager: DERRICK WISSMAN

GENERAL CLIENT INFORMATION

Client/Project: BBM/GENERAL ELECTRIC
Address:
Sampled By/Date: ADAM USKO 2/17/99
Results to: DERRICK WISSMAN
Phone #: 413-525-1198
Fax #: 413-525-8227

Please Circle Desired Turn Around Time

Same Day | 24 Hour | 48 Hour | 3-4 Days | Standard 5-7 Days

Comments/Special Instructions: ANALYZE TO 1ST POSITIVE

Analyzed By: Date: Lab QC Approval By:

Lab ID	Field ID	Description	Visual: Color	Visual: Homogeneity	Visual: Texture	Visual: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indicies: OIL	Refractive Indicies: Fibers II	Refractive Indicies: Fibers ⊥	% Asbestos Fibers Present: Chrysotile	% Asbestos Fibers Present: Amosite	% Asbestos Fibers Present: Crocidolite	% Asbestos Fibers Present: Tremolite	% Asbestos Fibers Present: Anthophyllite	% Asbestos Fibers Present: Actinolite	% Non Asbestos Present: Fiberglass	% Non Asbestos Present: Mineral Wool	% Non Asbestos Present: Cellulose	% Non Asbestos Present: Hair	% Non Asbestos Present: Synthetic	% Non Asbestos Present: Other	% Non Fibrous
	TF021 -17C	BLACK FELT PAPER PIPE INSULATION WRAP/ PUMPHOUSE (31J)										1.550															
												1.680															
												1.550															
												1.680															
												1.550															
												1.680															
												1.550															
												1.680															
												1.550															
												1.630															
												1.550															
												1.680															

Relinquished By/Date: 2/22/99

Received By/Date: 2/23/99 0915

Received By/Date:

SciLab Job#: **399121768**

Client Name: ATC Associates, Inc., East Longmeadow

Table I
Summary of Bulk Asbestos Analysis Results
Blasland, Bouck and Lee; GE Pittsfield

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	315120199-01A Bldg. 31J - Exterior	01	---	---	---	---	NAD	NA
02	315120199-01B Bldg. 31J - Exterior	01	---	---	---	---	NAD	NA
03	315120199-02A Bldg. 31J - Room 1	02	---	---	---	---	NAD	NA
04	315120199-03A Bldg. 31J - Room 1 South	03	---	---	---	---	NAD	NA
05	315120199-03B Bldg. 31J - Room 1 North	03	---	---	---	---	NAD	NA
06	315120199-04A Bldg. 31J - Room 1 East	04	---	---	---	---	NAD	NA
07	315120199-04B Bldg. 31J - Room 2 West	04	0.022	34.68	42.34	22.97	NAD	NAD
08	315120199-04C Bldg. 31J - Room 2 East	04	---	---	---	---	NAD	NA

Reviewed by: _____

PLM analyst: Bryan Manke_____; TEM analyst: Sandhya Gunasekara_____

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent results for Qualitative PLM or TEM Analysis only; NA = not analyzed;
Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM per 40 CFR 763, Subpt F, Appd A; TEM (Semi/Full) by EPA 600/R-93/116; or ELAP 198.1/198.4 for New York sample
NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <or=1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative onl
Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

SciLab Job#: **399121768**

Client Name: ATC Associates, Inc., East Longmeadow

Table I
Summary of Bulk Asbestos Analysis Results
Blasland, Bouck and Lee; GE Pittsfield

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
09	315120199-05A Bldg. 31J - Room 1	05	---	---	---	---	Chrysotile 20.	NA
10	315120199-06A Bldg. 31J - Roof	06	0.152	88.12	10.05	1.74	NAD	Chrysotile Trace
11	315120199-06B Bldg. 31J - Roof	06	---	---	---	---	NAD	NA/PS
12	315120199-07A Bldg. 31J - Roof	07	---	---	---	---	NAD	NA
13	315120199-07B Bldg. 31J - Roof	07	---	---	---	---	NAD	NA

Reviewed by: _____

PLM analyst: Bryan Manke_____; TEM analyst: Sandhya Gunasekara_____

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent results for Qualitative PLM or TEM Analysis only; NA = not analyzed;
Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM per 40 CFR 763, Subpt F, Appd A; TEM (Semi/Full) by EPA 600/R-93/116; or ELAP 198.1/198.4 for New York samples;
NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <or=1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only;
Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

399121768

SCILAB
8 SCHOOL STREET
WEYMOUTH, MA 02189
(781) 337-9334 FAX (781) 337-7642

Relinquished by: Adam Lebko Date/Time: 12/1/99
Received by: Sullivan 9:30 Date/Time: 12:3:99
Relinquished by: Date/Time:
Received by: Date/Time:
Relinquished by: Date/Time:

Project Name: BLASLAND, BOUCK AND LEE
Project Number: TBA
Project Address: 6E PITSFIELD

Sampled by: ADAM LEBKO **Date:** 12/1/99
Analysis Type: PLM
Positive Stop: (Y) N
Project Manager: DERRICK WISSMAN
Turnaround: 24 HR.
Results to: SANDY FABIAN
Fax Copy by: 12/4/99
Emergency Pager:
Hard Copy by:
Additional Fax Numbers:
Special Instructions or Comments: ANALYZE TO 1ST POSITIVE

Lab ID	Field ID	Location	Sample Description	Homogenous Area
1	315120199-01A	BLDG. 31J - EXTERIOR	BRICK MORTAR	01
2	315120199-01B			01
3	315120199-02A	BLDG. 31J - ROOM 1	GASKET	02
4	315120199-03A	~~BLDG. 31J - ROOM 1~~ BLDG. 31J - ROOM 1 SOUTH	PRESSBOARD	03
5	315120199-03B	BLDG. 31J - ROOM 1 NORTH		03
6	315120199-04A	BLDG. 31J - ROOM 1 EAST	INDUSTRIAL COAT	04
7	315120199-04B	BLDG. 31J - ROOM 2 WEST		04
8	315120199-04C	BLDG. 31J - ROOM 2 EAST		04
9	315120199-05A	BLDG. 31J - ROOM 1	TRANSITE PIPE	05
10	~~315120199-05B~~			
11	315120199-06A	BLDG. 31J - ROOF	ROOFING MATERIAL	06
12	315120199-06B			06
13	315120199-07A		ROOFING FELT	07
14	315120199-07B			07
15				

ATC ASSOCIATES INC.

39 Spruce Street
East Longmeadow, Massachusetts 01028
413.525.1198
Fax 413.525.8227

PREPARED FOR:

BLASLAND, BOUCK & LEE, INC.
6723 TOWPATH ROAD
BOX 66
SYRACUSE, NEW YORK 13214-0006

ASBESTOS & LEAD INSPECTION REPORT

FOR
BUILDING NO. 31P
AT
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

PREPARED BY:

ATC ASSOCIATES INC.
39 SPRUCE STREET
EAST LONGMEADOW, MASSACHUSETTS 01028

December 7, 1999

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- **3.5 Sample Analysis (TEM)**

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- **4.2 XRF Analysis**
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Attachment B	**Summary of Non-Asbestos Materials**
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Attachment E	**Laboratory Reports/Chain-of-Custody (TEM Asbestos)**

1.0 SITE INSPECTION SUMMARY

SITE: Building No. 31P
General Electric Company
Pittsfield, Massachusetts

OWNER: General Electric Company
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201

CLIENT: Blasland, Bouck & Lee, Inc.
6723 Towpath Road
Box 66
Syracuse, New York 13214-0006

The enclosed Asbestos and Lead Inspection Report was performed and prepared by ATC Associates, Inc. The survey included a comprehensive inspection of all areas of the building.

The following licensed and accredited inspectors performed the Inspection:

Adam Lesko
Asbestos Inspector #AI71130

Steve Dolinski
Lead Inspector #I3171

The Inspection Report was reviewed and approved by:

Derrick Wissman
Project Manager

2.0. SITE DESCRIPTION

Building No. 31P consists of a one-story concrete block building with a corrugated metal roof that was formerly used for storage. The building is currently unoccupied and scheduled for demolition.

3.0 ASBESTOS INSPECTION

ATC's Scope of Work included a comprehensive Asbestos Inspection of the building. Outlined below is a description of ATC's testing methodology.

3.1 Asbestos Protocol

ATC performed a comprehensive demolition survey to access all suspect asbestos-containing materials throughout the building. ATC was not responsible for repair of any building components and/or equipment, which became damaged as a result of ATC's inspection. The Asbestos Inspection included a visual assessment of suspect asbestos-containing materials throughout the building and subsequent bulk sampling and analysis was performed.

3.2 Sampling Methodology

EPA and OSHA define ACBM as any material which contains greater than 1 percent asbestos. The ACBM inspection and bulk sampling was performed in accordance with the methods outlined in the U.S. EPA guidance document titled, *Guidance for Controlling Asbestos-Containing Materials in Buildings* (Document No. 560/5-85/024). In addition, bulk sampling of asbestos was performed in accordance with 40 CFR Part 763, Asbestos Hazard Emergency Response Act (AHERA) requirements for number of samples and types of ACBM to be sampled. According to these requirements, materials are classified as either surfacing (e.g., ceiling plaster, wall plaster, spray-applied fireproofing), thermal system insulation (e.g., pipe insulation, pipe fitting insulation, boiler insulation), or miscellaneous materials (e.g., floor tile, ceiling tile, wallboard). The number of samples collected from each material varies based on the classification of the material and increases as the potential for a non-uniform mixture of asbestos in the material increases.

3.3 Sample Collection

Samples collected for asbestos analysis were obtained by qualified and certified (Certified Massachusetts Inspector) personnel utilizing proper safety measures such as wetting the material prior to sampling, cleaning up the area by wet wiping any resulting residual debris, and wearing proper personal protective equipment, as needed. In order to be certain of sampling the entire thickness of a material, coring tools and knives were utilized to penetrate all layers of a material. All collected samples were then placed in appropriately labeled airtight containers for shipment to the laboratory for analysis.

3.4 Sample Analysis (PLM)

All bulk samples were analyzed for asbestos content using Polarized Light Microscopy (PLM) with Dispersion Staining (EPA Method 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Building Materials). To qualify as asbestos-containing, the material must be determined to contain *greater than one percent (>1%)* asbestos from a homogeneous material area set of samples.

Consequently, according to the EPA/AHERA criteria, all bulk samples from a homogeneous area must be found to contain *less than or equal to one percent (≤1%)* asbestos in order to be classified as non-asbestos-containing.

3.5 Sample Analysis (TEM)

In addition, floor tile and other non-friable organically bound (NOB) materials which initially tested negative by PLM analysis were reanalyzed by Transmission Electron Microscopy (TEM). All TEM analysis was performed utilizing ELAP-198.4 TEM Method for Identifying and Quantifying Asbestos in NOB Bulk Samples.

4.0 LEAD PAINT INSPECTION

ATC performed a comprehensive lead inspection of painted, stained or varnished components located throughout the building. Outlined below is a description of ATC's testing methodology.

4.1 Testing Protocol

All testing was performed utilizing a portable X-Ray Fluorescent (XRF) Analyzer. In addition, paint chip samples were collected from select material substrates to confirm lead content if use of the XRF was not feasible or if results were inconclusive. For the purpose of reporting, the building was divided into "testing combinations". Testing combinations are defined as types of painted building components which appear uniform in paint color and architectural feature.

4.2 XRF Analysis

A Radiation Monitoring Device LP1, serial number 1092 was used for all on-site XRF testing. The instrument was operated in the "Quick-Mode" which adjusts the length of each reading based upon the substrate, until there is a 95% confidence level is achieved. All personnel who operated the portable XRF analyzer were trained by the manufacturer in safety measures and testing protocols. In accordance with the Occupational Safety and Health Administration (OSHA) 29 CFR 1926.62 Regulations, any result of lead greater than 0.0 constitutes the material to be considered lead-containing and subject to the regulations.

4.3 Paint Chip Sample Analysis

Inconclusive XRF readings or areas where XRF analysis was not feasible required paint chip samples to be collected and analyzed by Atomic Absorption Spectrophotometry (AAS). In accordance with the Occupational Safety and Health Administration (OSHA) 29 CFR 1926.62 Regulations, any result of lead greater than 0.0 constitutes the material to be considered lead-containing and subject to the regulations.

5.0 FINDINGS

Asbestos and lead-containing materials were detected in several MATERIAL applications at the site. Refer to the following Attachments for a summary of each materials tested, location, and analysis result:

Asbestos-Containing Materials:	***Refer to Attachment A***
Non-Asbestos Materials:	***Refer to Attachment B***
Lead Testing Results:	***Refer to Attachment C***

6.0 CONCLUSIONS

The majority of the asbestos and lead materials were found to be in fair/poor condition and are located throughout the building. As previously stated in this report, the building is scheduled for demolition which will require the following response actions be implemented as part of the demolition project:

A. In accordance with Massachusetts Department of Environmental Protection (DEP) and EPA's National Emission Standards for Hazardous Air Pollutants (NESHAP) Regulations, all materials found to be asbestos-containing in the building will be required to be abated prior to renovation/demolition activities. In addition, all asbestos abatement work shall be performed by a Massachusetts licensed Asbestos Abatement Contractor in accordance with local, state and federal regulations.

B. All demolition work which disturbs lead-containing materials will be subject to OSHA 29 CFR 1926.62 "Lead in Construction Regulations". Under OSHA, the employer is responsible for protection of their employees when performing renovation and/or demolition work which disturbs lead materials. Compliance shall include written programs, medical monitoring, exposure assessment testing and engineering controls.

ATTACHMENT A

SUMMARY OF ASBESTOS-CONTAINING MATERIALS

BUILDING NO. 31P

ATTACHMENT A

SUMMARY OF ASBESTOS-CONTAINING MATERIALS

Location	Material	Quantity	Comments
Room 1	Gaskets	16 each	Throughout in Misc. Equipment

ATTACHMENT B

SUMMARY OF NON-ASBESTOS MATERIALS

BUILDING NO. 31P

ATTACHMENT B

SUMMARY OF NON-ASBESTOS MATERIALS

Location	Material	Comments
Exterior	Window Glazing	
Roof	Tar Roofing Material	
Room 1	Black Felt Paper Pipe Wrap	In walls
Interior and Exterior	Paint	

ATTACHMENT C

SUMMARY OF LEAD-CONTAINING MATERIALS

Sample No.	Room	Testing Combination	XRF Result	Condition	Notes
1	Room 1	Gray Metal Door	0.0	Poor	
2	Room 1	Gray Metal Door Frame	0.0	Fair	
3	Room 1	Gray Block Wall	0.1	Fair	
4	Room 1	Gray Metal I-Beam Column	0.0	Fair	
5	Room 1	Gray Metal Conduit	0.0	Poor	
6	Room 1	Gray Metal Machinery Base	0.0	Poor	
7	Room 1	Gray Cement Machinery Base	0.0	Poor	
8	Room 1	Gray Metal Window	-0.7	Poor	
9	Room 1	Gray Metal Electric Box	0.0	Poor	
10	Room 1	Black Metal Wall Supports	0.0	Fair	
11	Room 1	Gray Metal Pipe	0.0	Poor	
12	Room 1	Red Metal Machinery Base	0.1	Poor	
13	Room 1	Black Cement Machinery Base	0.0	Poor	
14	Room 1	Green Metal Flange	0.3	Fair	
15	Room 1	Green Metal Tank	0.0	Poor	
16	Room 1	Gray Metal Vent	0.0	Poor	
17	Room 1	Off – White Metal Pipe	0.0	Poor	
18	Room 1	Black Metal Pipe	0.0	Poor	
19	Room 1	Off – White Metal Conduit	0.0	Poor	
20	Room 1	Off – White Metal Ceiling	0.1	Fair	
21	Room 1	Off – White Metal Angle Iron Beam	0.1	Fair	
22	Room 1	Off – White Metal Angle Iron Beam Support	0.0	Poor	
23	Room 1	Off – White Metal I-Beam	0.0	Poor	
24	Room 1	Off – White Block Wall	0.0	Good	
25	Room 1	Gray Metal Fan Housing	0.1	Fair	
26	Room 1	Green Metal Pipe	0.1	Fair	
27	Room 1	Green Metal Supports	0.0	Fair	
28	Room 1	Green Metal Tank	0.0	Fair	
29	Room 1	Red Metal Machinery	0.7	Fair	
30	Room 1	Off – White Metal Tank	0.1	Fair	

Sample No.	Room	Testing Combination	XRF Result	Condition	Notes
31	Exterior	Brown Metal Door	0.1	Fair	
32	Exterior	Brown Metal Door Frame	0.1	Fair	
33	Exterior	Brown Block Wall	1.4	Fair	
34	Exterior	Brown Metal Vent	0.4	Fair	
35	Exterior	Brown Metal Pipes	0.0	Poor	
36	Exterior	Brown Cement Window Sill	0.5	Poor	
37	Exterior	Brown Metal Window	0.2	Poor	
38	Exterior	Brown Metal Soffit	0.1	Poor	
39	Exterior	Brown Metal Upper Trim	0.1	Fair	

ATTACHMENT D

LABORATORY REPORTS/CHAIN-OF-CUSTODY (PLM ASBESTOS)

SCILAB
FULL SERVICE ENVIRONMENTAL LABORATORIES

SCILAB BOSTON, INC.
8 SCHOOL STREET
WEYMOUTH, MA 02189
TEL: (781) 337-9334 • FAX: (781) 337-7642

PLM Bulk Asbestos Report

ATC Associates, Inc., East Longmeadow
Attn: Sandy Fabian
39 Spruce Street
1st Floor
East Longmeadow, MA 01028

Date Received 12/03/99
Date Examined 12/04/99

SciLab Job No. 399121766
P.O. # Blasland, Bouck and

RE: Blasland, Bouck and Lee; GE Pittsfield

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
31P120199-01A	399121766-01	*No*	NAD
01 **Location:** Bldg. 31P - Room 1			
Description: Grey, Homogeneous, Window Glazing			
Asbestos Types:			
Other Material: Talc 2. %, Non-fibrous 98. %			
31P120199-01B	399121766-02	*No*	NAD
01 **Location:** Bldg. 31P - Room 1			
Description: Grey, Homogeneous, Window Glazing			
Asbestos Types:			
Other Material: Talc 2. %, Non-fibrous 98. %			
31P120199-02A	399121766-03	*No*	NAD
02 **Location:** Bldg. 31P - Roof			
Description: Black, Homogeneous, Tar Roofing Matrial			
Asbestos Types:			
Other Material: Non-fibrous 100. %			
31P120199-2B	399121766-04	*No*	NAD
02 **Location:** Bldg. 31P - Roof			
Description: Black, Homogeneous, Tar Roofing Matrial			
Asbestos Types:			
Other Material: Non-fibrous 100. %			
31P120199-3A	399121766-05	*No*	NAD
03 **Location:** Bldg. 31P - Exterior			
Description: Black, Homogeneous, Black Felt Paper Pipe Wrap			
Asbestos Types:			
Other Material: Cellulose 60. %, Synthetic fibers 10. %, Non-fibrous 30. %			

SCILAB
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8 SCHOOL STREET
WEYMOUTH, MA 02189
TEL: (781) 337-9334 • FAX: (781) 337-7642

PLM Bulk Asbestos Report

ATC Associates, Inc., East Longmeadow
Attn: Sandy Fabian
39 Spruce Street
1st Floor
East Longmeadow, MA 01028

Date Received 12/03/99
Date Examined 12/04/99

SciLab Job No. 399121766
P.O. # Blasland, Bouck and

RE: Blasland, Bouck and Lee; GE Pittsfield

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
31P120199-3B	399121766-06	*No*	NAD
03	**Location:** Bldg. 31P - Exterior		
	Description: Black, Homogeneous, Black Felt Paper Pipe Wrap		
	Asbestos Types:		
	Other Material: Cellulose 60. %, Synthetic fibers 10. %, Non-fibrous 30. %		
31P120199-3C	399121766-07	*Yes*	≤1.%
03	**Location:** Bldg. 31P - Exterior		
	Description: Black, Homogeneous, Black Felt Paper Pipe Wrap		
	Asbestos Types: Chrysotile Trace		
	Other Material: Cellulose 60. %, Fibrous glass Trace, Synthetic fibers 10. %, Non-fibrous 30. %		
	Comment: Chrysotile present appears to be surface contamination.		
31P120199-4A	399121766-08	*No*	NAD
04	**Location:** Bldg. 31P - Interior Wall		
	Description: Grey, Homogeneous, Paint		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
31P120199-4B	399121766-09	*No*	NAD
04	**Location:** Bldg. 31P - Exterior		
	Description: Brown, Homogeneous, Paint		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		

SCILAB
FULL SERVICE ENVIRONMENTAL LABORATORIES

SCILAB BOSTON, INC.
8 SCHOOL STREET
WEYMOUTH, MA 02189
TEL: (781) 337-9334 • FAX: (781) 337-7642

PLM Bulk Asbestos Report

ATC Associates, Inc., East Longmeadow
Attn: Sandy Fabian
39 Spruce Street
1st Floor
East Longmeadow, MA 01028

Date Received 12/03/99
Date Examined 12/04/99

SciLab Job No. 399121766
P.O. # Blasland, Bouck and

RE: Blasland, Bouck and Lee; GE Pittsfield

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
31P120199-4C	399121766-10	*No*	NAD
04	**Location:** Bldg. 31P - Exterior		
	Description: Brown, Homogeneous, Paint		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
31P120199-4D	399121766-11	*No*	NAD
04	**Location:** Bldg. 31P - Interior Ceiling		
	Description: Off-White, Homogeneous, Paint		
	Asbestos Types:		
	Other Material: Talc 3. %, Non-fibrous 97. %		
31P120199-4E	399121766-12	*No*	NAD
04	**Location:** Bldg. 31P - Interior Column		
	Description: Grey, Homogeneous, Paint		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
31P120199-5A	399121766-13	*Yes*	80 %
05	**Location:** Bldg. 31P - Room		
	Description: Grey, Homogeneous, Gasket		
	Asbestos Types: Chrysotile 80. %		
	Other Material: Non-fibrous 20. %		

SCILAB
FULL SERVICE ENVIRONMENTAL LABORATORIES

SCILAB BOSTON, INC.
8 SCHOOL STREET
WEYMOUTH, MA 02189
TEL: (781) 337-9334 • FAX: (781) 337-7642

PLM Bulk Asbestos Report

ATC Associates, Inc., East Longmeadow
Attn: Sandy Fabian
39 Spruce Street
1st Floor
East Longmeadow, MA 01028

Date Received 12/03/99
Date Examined 12/04/99

SciLab Job No. 399121766
P.O. # Blasland, Bouck and

RE: Blasland, Bouck and Lee; GE Pittsfield

Reporting Notes:

Analyzed by: Glenn Massey

*NAD/NSD = no asbestos detected; NA = not analyzed; Bulk Asbestos Analysis per 40 CFR 763, Subpart F, Appendix A and ELAP Analysis Protocols 198.1/198.4 for New York samples; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This report relates ONLY to the items tested.

Reviewed by:_____

Relinquished by: _____ Date/Time: 12/1/99
Received by: Sullivan 9:30 Date/Time: 12/3/99
Relinquished by: _____ Date/Time: _____
Received by: _____ Date/Time: _____
Relinquished by: _____ Date/Time: _____

Project Name: BLASLAND, BOUCK AND LEE
Project Number: TBA
Project Address: GE PITTSFIELD

SCILAB
8 SCHOOL STREET
WEYMOUTH, MA 02189
(781) 337-9334 FAX (781) 337-7642

Analysis Type: PLM
Positive Stop: (Y) N
Turnaround: ~~24~~ 24 Hr.
Fax Copy by: 12/6/99
Hard Copy by:

Sampled by: ADAM LESKO **Date:** 12/1/99
Project Manager: DERRICK WISSMAN
Results to: SANDY FABIAN
Emergency Pager:
Additional Fax Numbers:
Special Instructions or Comments: ANALYZE TO 1ST POSITIVE

	Lab ID	Field ID	Location	Sample Description	Homogenous Area
1		31P120199-01A	BLDG. 31P - Room 1	WINDOW GLAZE	01
2		31P120199-01B	"	"	01
3		31P120199-02A	BLDG. 31P - ROOF	TAR ROOFING MATERIAL	02
4		31P120199-02B	"	"	02
5		31P120199-03A	BLDG. 31P - EXTERIOR	BLACK FELT PAPER/PIPE WRAP	03
6		31P120199-03B	"	"	03
7		31P120199-03C	"	"	03
8		31P120199-04A	BLDG. 31P - INTERIOR WALL	PAINT	04
9		31P120199-04B	BLDG. 31P - EXTERIOR	"	04
10		31P120199-04C	"	"	04
11		31P120199-04D	BLDG. 31P - INTERIOR CEILING	"	04
12		31P120199-04E	BLDG. 31P - INTERIOR COLUMN	"	-04
13		31P120199-05A	BLDG. 31P - Room 1	GASKET	05
14					

ATTACHMENT E

LABORATORY REPORTS/CHAIN-OF-CUSTODY (TEM ASBESTOS)

SciLab Job#: 399121766

Client Name: ATC Associates, Inc., East Longmeadow

Table I
Summary of Bulk Asbestos Analysis Results
Blasland, Bouck and Lee; GE Pittsfield

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	31P120199-01A Bldg. 31P - Room 1	01	0.645	11.20	84.68	4.12	NAD	NAD
02	31P120199-01B Bldg. 31P - Room 1	01	----	---	---	---	NAD	NA
03	31P120199-02A Bldg. 31P - Roof	02	0.09	96.67	2.33	0.90	NAD	Chrysotile Trace
04	31P120199-2B Bldg. 31P - Roof	02	---	---	---	---	NAD	NA/PS
05	31P120199-3A Bldg. 31P - Exterior	03	---	---	---	---	NAD	NA
06	31P120199-3B Bldg. 31P - Exterior	03	---	---	---	---	NAD	NA
07	31P120199-3C Bldg. 31P - Exterior	03	---	---	---	---	Chrysotile Trace	NA
08	31P120199-4A Bldg. 31P - Interior Wall	04	---	---	---	---	NAD	NA

Reviewed by: _____

PLM analyst: Glenn Massey_____; TEM analyst: Sandhya Gunasekara_____

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent results for Qualitative PLM or TEM Analysis only; NA = not analyzed;
Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM per 40 CFR 763, Subpt F, Appd A; TEM (Semi/Full) by EPA 600/R-93/116; or ELAP 198.1/198.4 for New York samples
NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <or=1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only
Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

SciLab Job#: **399121766**

Client Name: ATC Associates, Inc., East Longmeadow

Table I
Summary of Bulk Asbestos Analysis Results
Blasland, Bouck and Lee; GE Pittsfield

SciLab Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
09	31P120199-4B Bldg. 31P - Exterior	04	0.049	33.77	23.32	42.91	NAD	NAD
10	31P120199-4C Bldg. 31P - Exterior	04	—	---	----	—	NAD	NA
11	31P120199-4D Bldg. 31P - Interior Ceiling	04	—	----	—	—	NAD	NA
12	31P120199-4E Bldg. 31P - Interior Column	04	---	—	—	—	NAD	NA
13	31P120199-5A Bldg. 31P - Room	05	—	—	—	—	Chrysotile 80.	NA

Reviewed by: _____

PLM analyst: Glenn Massey_____; TEM analyst: Sandhya Gunasekara_____

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent results for Qualitative PLM or TEM Analysis only; NA = not analyzed; Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM per 40 CFR 763, Subpt F, Appd A; TEM (Semi/Full) by EPA 600/R-93/116; or ELAP 198.1/198.4 for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <or=1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

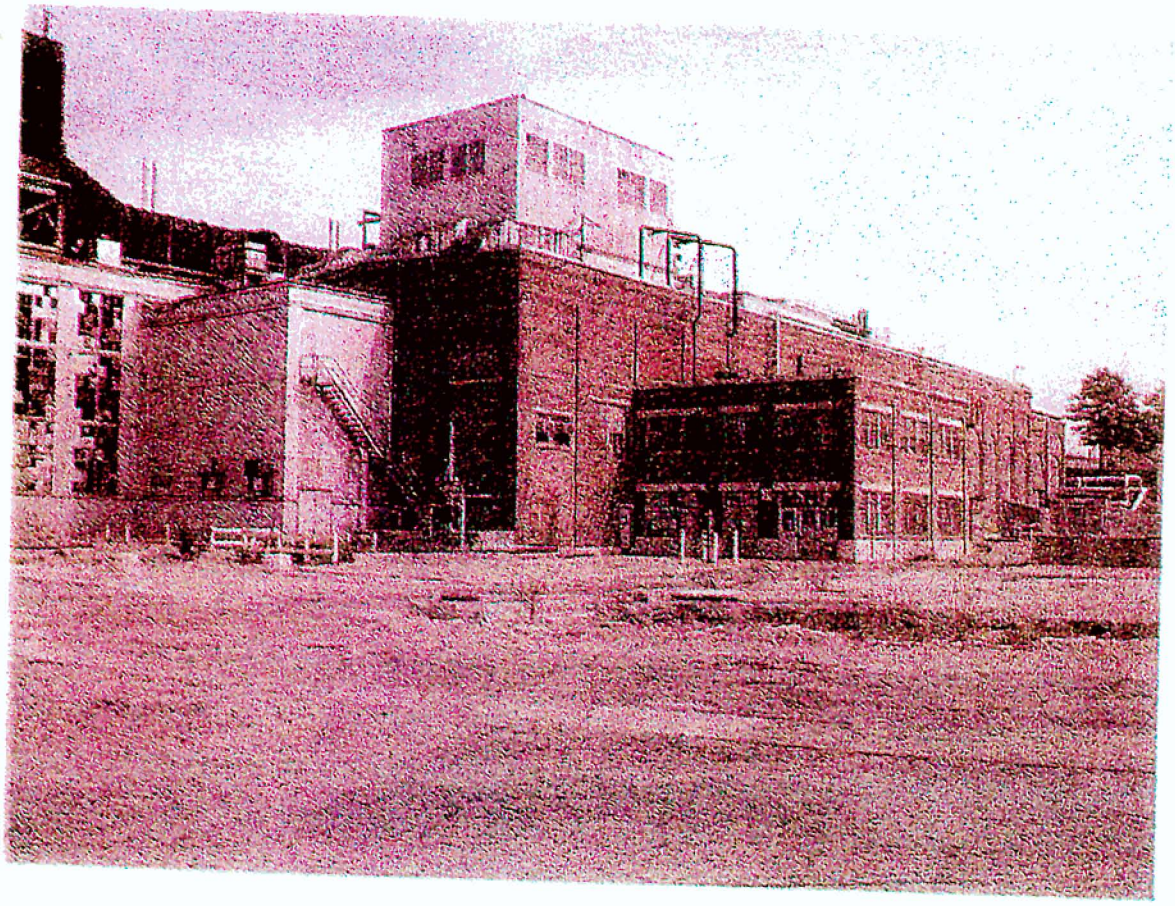
Section 3

ChemCept, Inc. Report for Building 31

GENERAL ELECTRIC

PITTSFIELD

BUILDING #31



Chemcept was hired to do a final chemical sweep of the General Electric Pittsfield Power Plant (Bldg 31). Over a Two-week period from 29 Sept thru 11 Oct, Chemcept methodically scanned the various levels and rooms of the power plant.

The following is a detailed report of the hazardous materials found and actions taken during the sweep of the building.

All waste that was recovered during the sweep was stored in containment bins. The bins were positioned on the interior truck loading dock in building 31. Once the job was completed all waste recovered was transported to building 12. Gearboxes and motors that were drained of oil, had speedy-dry poured in them. The speedy-dry was used to soak up any residual oil that may have puddle in the motors. In total 110 gallons of oil was recovered during the chemical sweep of the power plant.

Materials that could not be removed due to time restraints were marked for easy identification. All transformers are marked with a red letter T. The hydraulic pistons are marked with the letter P. Florescent and mercury lights were not marked, as they are easily visible. All items are detailed in the following pages.

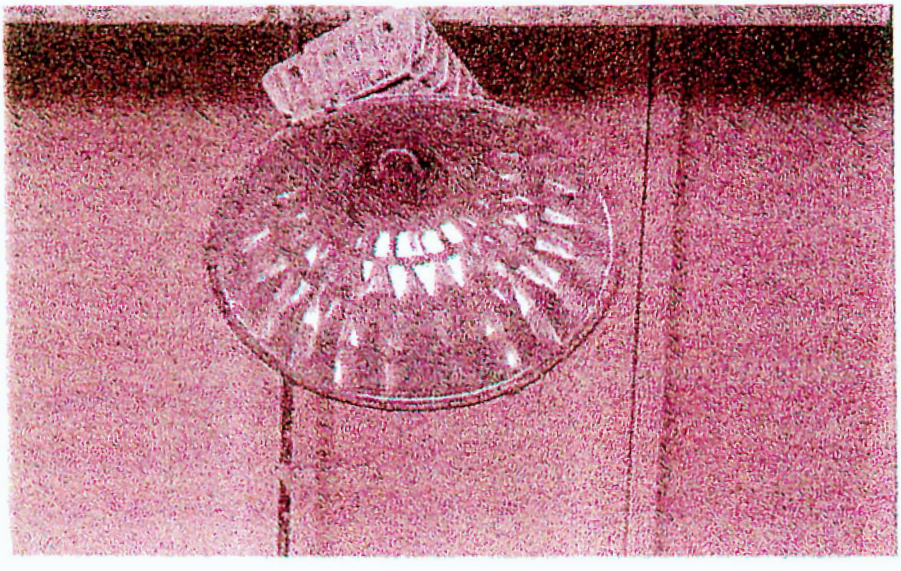
31 main-1 (Main floor)

The main floor in the building had very little in hazardous materials that could be removed.

- Drained 1 quart of oil from metal cutter on floor.
- Pulled 2 lead acid batteries (emergency lighting).

Material that could not be reached.

- 25-ton crane, could not reach motors to drain oil.
- 15 fluorescent fixtures with 19 bulbs and PCB ballast.
- 3 dry type transformers.
- Main level ceiling contains 42 mercury light fixtures with bulbs.



31 Loc (locker room)

There were no hazardous materials removed from the locker room.

Hazardous materials that were not removed.

- 12 fluorescent fixtures, 22 bulbs and PCB ballast were left.

31 H2O-1 (water heating room)

- The water heater room was checked and there were no hazardous materials were detected in the room.

31 Sto-1 (store room main level)

- The storeroom contained 6 fluorescent light fixtures with 9 bulbs and 3 PCB ballast. The fixtures were left in place, no other hazardous materials were found.

31 Main + 1

- Pulled 1 PCB ballast from gauge closet located in center of room.
- Left 1 small dry type transformer.

31 Sup 1 (supply room)

- There were no hazardous materials pulled from store room
- Left in room were 2 dry type transformers, 4 fluorescent light fixtures with 8 bulbs and ballasts.

31 Cla 1 (class room)

- The class room had no hazardous materials that were pulled
- Left in classroom were 2 fluorescent fixtures with 2 bulbs and PCB ballast.

31 Elc 1 (electrical room)

- Removed 1 lead acid battery used for emergency lighting. Also removed 1 pint metal can with unknown material.
- In the electrical room there were 2 switch cabinets. In the cabinets there are 20 switches that contain a 1quart oil reservoir that could not be drained. There was also a dry transformer in each switch.
- On the ground in the room there were 19 switches, of the 19 only 2 had oil reservoirs in them. All 19 switches contained a dry type transformer.
- 9 fluorescent light fixtures with 10 bulbs and PCB ballast were left in the room.

31- Elc 1)

31- Bat 1 (battery room)

- Drained 2 gearboxes and motors, recovered 2 2uorts of oil.
- Left 2 dry type transformers

31- Off 1 (offices)

- The offices were empty except for 47 fluorescent fixtures with 92 bulbs and PCB ballast witch were left in place.

31-Gag 1 (gauge room)

- There are 18 gauge closers in the room all are void of any hazardous materials.
- Left in the room are 7 fluorescent light fixtures that contain 13 bulbs and PCB ballast.

31-Main +1/2

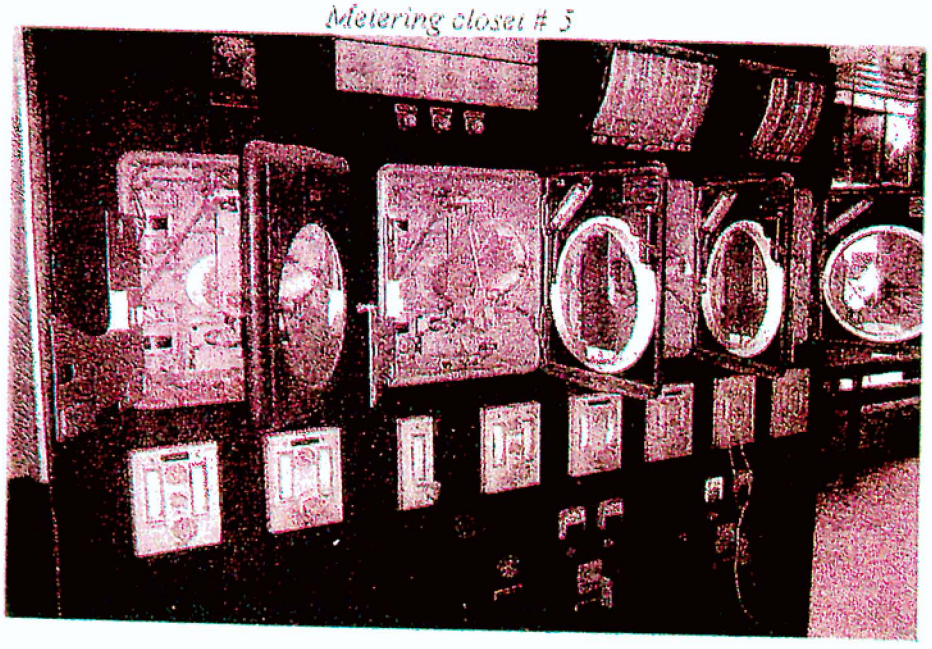
31-Main +1/2 contained 7 metering closers, 4 gearboxes and motors, 1 switch box and a caustic and acid tank.

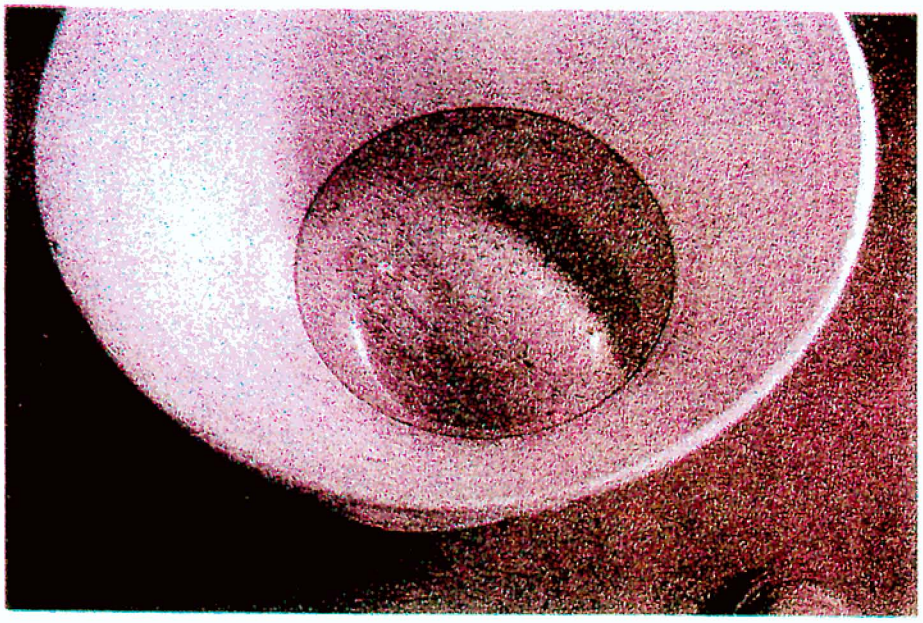
31-Main+1/2 continued

- Pulled 5 mercury switches from metering closets and the boiler.
- Drained oil from gearboxes and motors, recovered 1.5 quarts of oil.
- 62 cartridges and bottles filled with ink were pulled from the 7 metering closets.
- Metering closet # 5 contained 2 mercury reservoirs. Drained 65 Lbs. Of mercury from the reservoirs.

Note: Prior to draining reservoirs in station # 5, mercury contamination was noticed on the floor as well as the exterior of the reservoirs.

Metering closet # 5

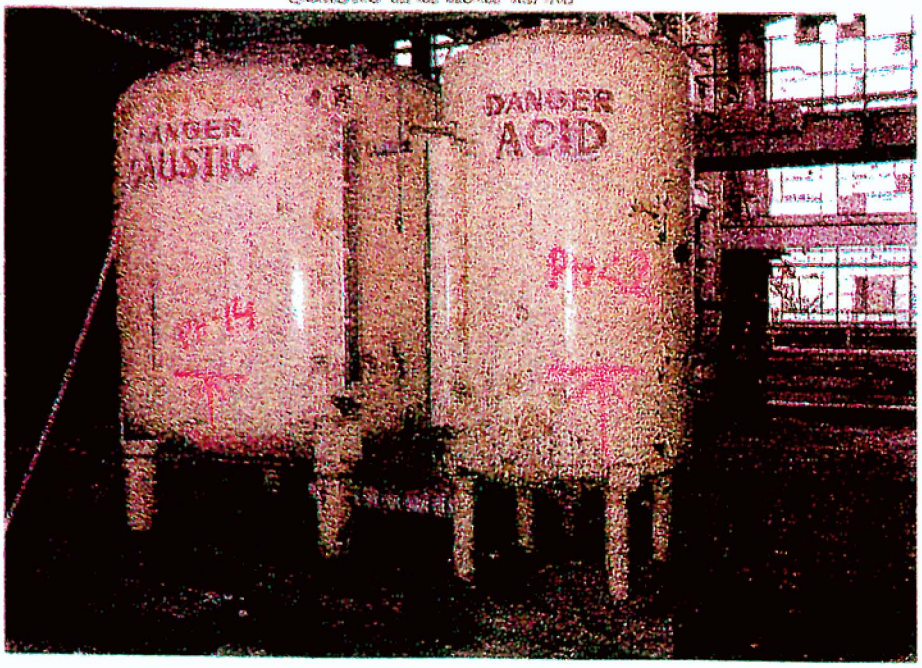




Mercury From Reservoirs

- Removed PCB ballast from metering closet # 5.
- Metering closet # 7, we removed a carbon scrubber with 5 Lbs. of activated carbon.
- Removed 11 (55) gallon drums of material from the caustic and acid tanks.

Caustic and acid tanks



Cleaned tank

- Pulled 1 lead acid battery, used for emergency lighting.

Material left on level 31-Main+1/2.

- 5 dry type transformers were not removed.
- 32 fluorescent fixtures containing 49 bulbs, and PCB ballast.
- Switch box # 1 (Swi#1), has 11 oil canisters with 1 quart of oil, 16 transformers, and 16 capacitors. Material could not be remove do to the extensive man-hours required dismantling switch box.
- 8 fluorescent bulbs in a light box on the floor.
- 8 air conditioning units with freon canisters in them.
- 1 water cooler with freon canister.

31- Comp 1 (compressor room)

The compressor room had ground water filling the pits between the compressors. Absorbent pads were put down to absorb the water. Speedy dry was added to all the compressors.

Material pulled from the compressor room.

- Drained 2 gearboxes and 2 motors of oil. Collect 1 gallon of oil.
- Pulled 1 lead acid battery from emergency lighting.
- Removed 1 mercury switch from small compressor.

Materials left in compressor room.

- 6 Transformers dry type.
- 14 mercury vapor lights and fixtures.
- 10-ton crane.
- 1 small compressor contaminated with mercury.

31-Bas 1a (main basement area)

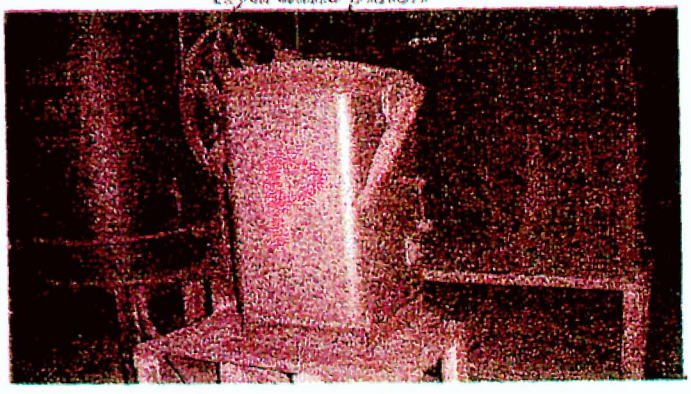
- Drained 11 gearboxes and motors. Total oil recovered 15 gallons.
- 16 flasks, which last contained mercury. (All are empty).
- Drained I (55) gallon drum ½ full of Unknown liquid.

Drum containing Unknown liquid

Materials left in 31Bas 1a.

- 4 Transformers non – PCB
- 1 hydraulic piston switch.

Hydraulic piston



31- Estor 1 (basement dry store room)

- Pulled 2 (5) gal. Pails with a resin type material in them.
- 35-40 (50) lb. bags of LITE CAST 75-28 concrete was left in store room.

31- Estor 2 (mechanical store room)

- Removed 6 mercury bulbs from storeroom.
- Removed 3 lbs. of elemental mercury located on a shelf.
- Left 12 fluorescent light fixtures containing 11 bulbs and PCB ballasts.

31- Bas 1b (left side of main basement)

- Drained 19 gearboxes and motors. Recovered 20 gallons of oil.
- Found 3 various size containers with unknown materials in them.
- Left in basement 5 hydraulic pistons.
- 16 fluorescent light fixtures, containing 12 bulbs and PCB ballast.
- 14 transformers (non-PCB type).

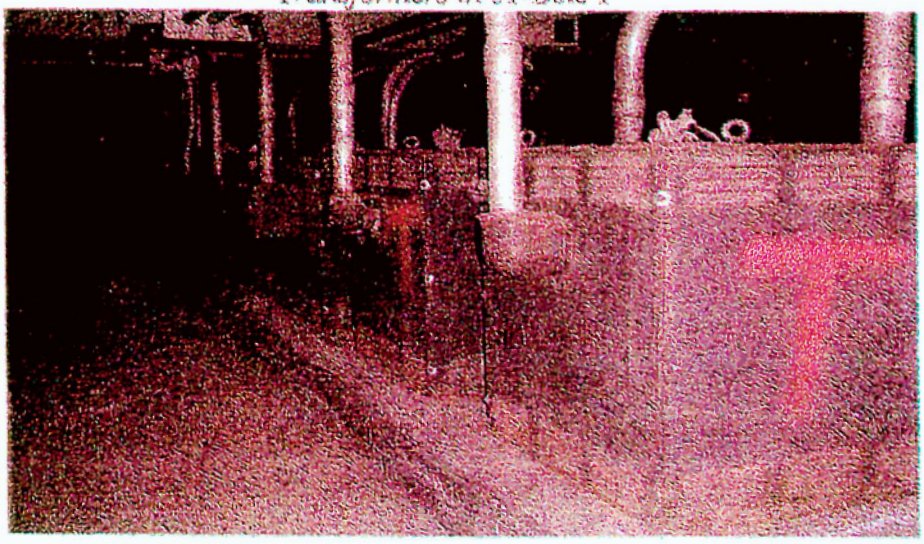
31- Bas 1c

- Drained 5 gearboxes and motors, recovered 4 gallons of oil.
- Left 6 transformers (non-PCB type).
- All lighting in this section was incandescent.

31- Belc 1 (basement electrical room)

- Removed 2 containers both 1-quart size containing unknown material.
- Left 7 transformers (non-PCB type)

Transformers in 31-Belc 1



31- Bas 1d

- Drained 3 gearboxes and motors, recovered 2 gallons of oil.
- Left 1 transformer (non-PCB type).

31- Bas 1e

- Drained 4 pumps, recovered 1-½ gallons of oil.

31- Bas 1f (water pump room)

- Drained 2 pumps and motors, recovered ½ gallon of oil.
- Removed 1 (15) gallon drum filled with lubricating grease.
- Left in room were 4 transformers (non-PCB type).
- 7 fluorescent light fixtures containing 14 bulbs and PCB ballast were also left in 31-Bas 1f.

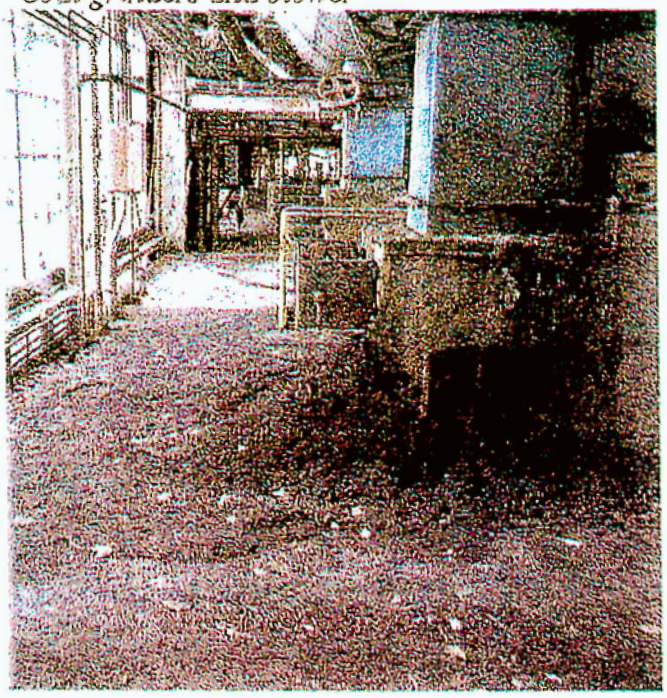
31- Bas 1g (fire pump room)

- There were no hazardous materials found in the fire pump room.
- Left in the room were 4 fluorescent light fixtures containing 4 bulbs and PCB ballasts.
- Located off the pump room is a utility tunnel that ran to the auxiliary powerhouse. Some of the pipes located in the tunnel are still lined with asbestos.

31- 2 (second level)

- Pulled 2 mercury switches located by boilers.
- Drained 2 motors containing 1 quart of oil each from the coal grinders.
- The coal grinders contained 1 hydraulic piston each. The pistons were not removed.
- Overflowing from the coal grinders is an estimated 1-2 tons of coal. The coal was not removed.
- 9 fluorescent fixtures containing 13 bulbs and PCB ballast were left on 31-2.

Coal grinders and blower



31- Plt 1 (boiler platform #1)

- No hazardous material was removed from 31- Plt 1.
- 3 fluorescent fixtures containing 4 bulbs and PCB ballast remain.

31- Plt 2 (boiler platform #2)

- 2 motors were drained. Recovered 1 quart of oil.
- There are 15 fluorescent light fixtures, containing 26 bulbs and PCB ballast on 31-Plt 2.

1-3 (Upper boiler area)

- No hazardous materials were found on this level.

1- 4 (blower room)

- Drained 5 gearboxes and motors. Removed 10 gallons of oil from the gearboxes and motors.

- Drained a 15 gallon oil reservoir tank witch contained approximately 7 gallons of oil.
- Cut and drained all piping leading to and from oil reservoirs.
- Removed 3 mercury switches.
- 4 mercury vapor lights remain on level 3 1-4.
- 3 hydraulic pistons remain on level 3 1-4.

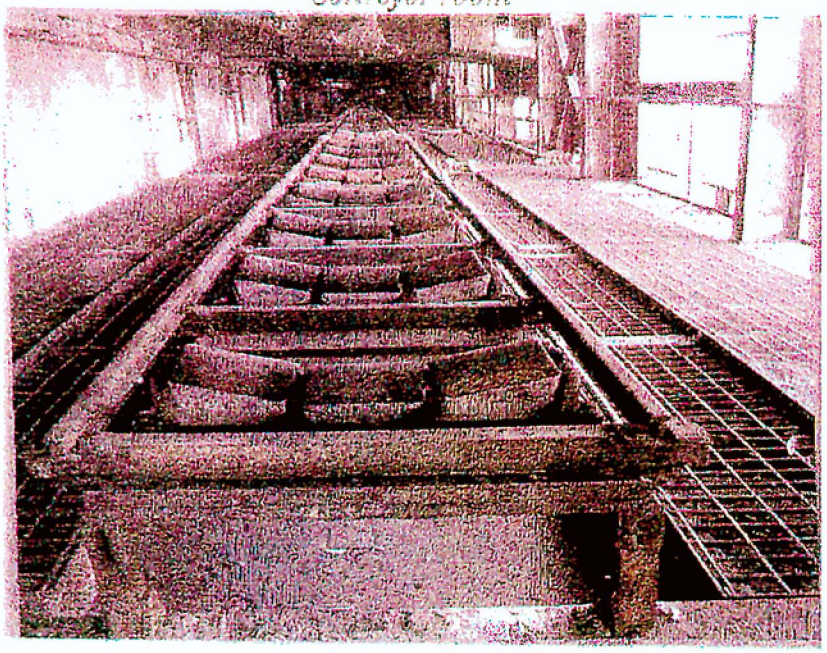
3 1-Elv 1 (elevator platform)

- Drained 1 gearbox and motor. Removed ½ gallon of oil
- Removed 1 mercury switch.
- Removed 2 glass jars with unknown liquids.

3 1- Con 1 (conveyor room)

- Drained conveyor motor of 1 quart of oil
- Coal hoppers still contain coal and coal soot.

Conveyor room



Plt #3,and Plt #4

- There were no hazardous materials found on both platforms.

31 Bstor 3 (basement electrical store room)

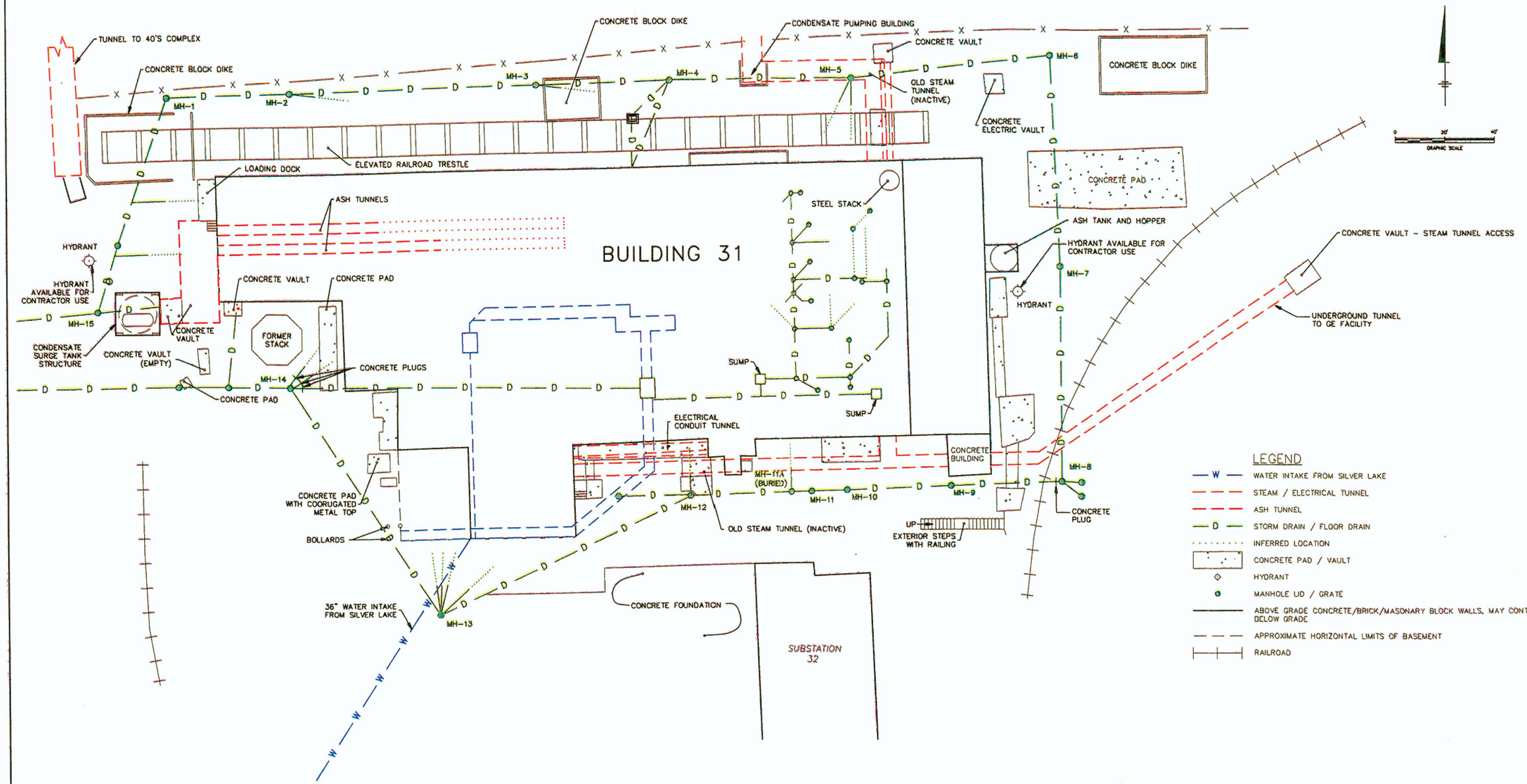
- Removed 3 containers with unknown materials.
- Removed 1 empty mercury flask.

31-outs 1 (exterior of building)

- 4 mercury vapor lights located on roof and exterior of building.
- 1 air conditioner with Freon canister.

Section 4

Building 31 Basement Tunnels



LEGEND

- W — WATER INTAKE FROM SILVER LAKE
- STEAM / ELECTRICAL TUNNEL
- ASH TUNNEL
- D — STORM DRAIN / FLOOR DRAIN
- INFERRED LOCATION
- CONCRETE PAD / VAULT
- HYDRANT
- MANHOLE LID / GRATE
- ABOVE GRADE CONCRETE/BRICK/MASONARY BLOCK WALLS, MAY CONTINUE BELOW GRADE
- APPROXIMATE HORIZONTAL LIMITS OF BASEMENT
- RAILROAD

GENERAL NOTES:

1. DRAWING BASED ON BUILDING 31 DRAWING PREPARED BY WHITE ENGINEERING, INC., DATED AUGUST 4 1999, FIELD OBSERVATIONS MADE BY BLASLAND, BOUCK AND LEE, INC., DURING A SITE VISIT IN AUGUST 1999 AND HISTORICAL GE DRAWINGS.
2. ALL FEATURES AND LOCATIONS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR.
3. THE PENETRATIONS/OPENINGS PRESENTED ON THIS DRAWING ARE NOT ALL INCLUSIVE. ADDITIONAL PENETRATIONS/OPENINGS IDENTIFIED DURING DEMOLITION ACTIVITIES MUST BE ADDRESSED AS PER THE ACCOMPANYING SPECIFICATION.

GENERAL ELECTRIC COMPANY
BROWNFIELDS PROGRAM
PITTSFIELD, MASSACHUSETTS

BUILDING 31 BASEMENT TUNNELS

BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 3

L:DN=* OFF=REF*
P: SPCOLOR.PCP
3/12/01 SYR-54-AK NES GMS
20163001/20163G04.DWG

Section 5

Summary of Available Pre-1999 Sampling Data for Building 31

Table 3

General Electric Company
Pittsfield, Massachusetts
Brownfields Program

Summary of Available Pre-1999 Sampling Data for Building 31*

Date	Scope of Investigation	Summary of Results
June 1989	Fourteen wipe samples were collected from painted and unpainted surfaces of various equipment (i.e., compressor, pipe, air tank, generator, control cabinet, and overhead crane rail) within the compressor room and analyzed for PCBs.	Results ranged between < 1 $ug/100cm^2$ and 11 $ug/100cm^2$.
June 1989	Ten grab samples were collected from oil (in compressors) located within the compressor room and analyzed for PCBs.	Results did not identify the presence of PCBs above the laboratory detection limit of 2 ppm.
April 1992	Two pre-clean wipe samples and four grab samples of oil were collected from compressors #4 and #5 and analyzed for PCBs.	Results for the wipe samples from compressors #4 and #5 were < 1.0 $ug/100cm^2$ and 1.4 $ug/100cm^2$, respectively. Results for oil grab samples from compressors #4 and #5 were < 1.0 ppm.
July 1992	A wipe sampling program was implemented within Building 31 and consisted of collecting one sample from horizontal and vertical surfaces on a 50-foot grid in the "main open area". Samples were also collected from other portions of the building (i.e., men's room, powerhouse, basement, compressor room, and office area). In total, 40 wipe samples were collected from surfaces located approximately 6 feet above the floor surface and analyzed for PCBs.	Results from this wipe sampling program ranged from < 1.0 $ug/100cm^2$ to 16 $ug/100cm^2$.
July 1992	Twelve wipe samples were collected from unpainted surfaces of steel piping located on carts within the building and analyzed for PCBs.	Results ranged between 1.3 $ug/100cm^2$ and 5.0 $ug/100cm^2$.

* This summary does not include sampling results from materials that are known to be no longer present at Building 31.

Table 3

General Electric Company
Pittsfield, Massachusetts
Brownfields Program

Summary of Available Pre-1999 Sampling Data for Building 31*

Date	Scope of Investigation	Summary of Results
November 1993	Two pre-clean wipe samples were collected from painted metal surfaces of two meters located within Building 31 and analyzed for PCBs.	Results for both wipe samples were 1.3 $ug/100cm^2$.
February 1994	Six grab samples were collected from ACMs on pipes connected to boiler numbers 14-16 and analyzed for PCBs.	Results ranged between 0.51 ppm and 82 ppm.
April 1994	Seven full core samples were collected from ACMs on pipes and analyzed for PCBs.	Results ranged between < 0.5 ppm and 0.56 ppm.
April 1994	Three composite samples were collected of gray, green, and yellow "asbestos paint" on pipes and analyzed for TCLP Metals.	Results indicated that mercury was present in the gray, green, and yellow paint at 0.0017 mg/l, 0.021 mg/l, and 0.0014 mg/l, respectively. Lead was also present in the gray paint at 0.6 mg/l. Remaining metals were not detected above laboratory detection limits.
April 1994	Seven discrete 1-centimeter core samples were collected from ACMs on pipes and analyzed for PCBs.	Results ranged between < 0.5 ppm and 5.5 ppm.
April 1994	Six discrete grab samples and one discrete scrape sample were collected from interior surfaces of boilers located within Building 31 and analyzed for PCBs.	Results did not identify PCBs above the laboratory detection limit of 0.5 ppm.
April 1994	Seven discrete 1-centimeter core samples were collected from asbestos ductwork covering material located throughout Building 31 and analyzed for PCBs.	Results ranged between < 0.5 ppm and 1.5 ppm.

* This summary does not include sampling results from materials that are known to be no longer present at Building 31.

Table 3

General Electric Company
Pittsfield, Massachusetts
Brownfields Program

Summary of Available Pre-1999 Sampling Data for Building 31*

Date	Scope of Investigation	Summary of Results
April 1994	Seven discrete 1-centimeter core samples were collected from asbestos condensate pipe covering material located throughout Building 31 and analyzed for PCBs.	Results ranged between < 0.5 ppm and 1.3 ppm.
April 1994	Seven discrete 1-centimeter core samples were collected from asbestos covering material located on the eastern and western water treatment systems and analyzed for PCBs.	Results ranged between < 0.5 ppm and 5.8 ppm.
January 1995	One composite sample was collected of resin beads from the powerhouse water conditioning system and analyzed for TCLP Metals.	Results did not identify metals above the laboratory detection limits.
March 1995	One grab sample from sweepings originating in Building 31 was analyzed for PCBs and TCLP Metals.	Results did not identify PCBs or metals above the respective laboratory detection limits.
March 1995	One composite paint chip sample (that originated in Building 31) was collected and analyzed for TCLP Metals.	Results indicated that mercury was present at 0.009 mg/l, and lead at 1.7 mg/l. Remaining metals were not detected above laboratory detection limits.
August 1996	One grab sample was collected of oil from piping located within the Building 31 basement and analyzed for PCBs.	Results indicated that PCBs were present at 5 ppm.
August 1996	Two grab samples were collected from pipe insulation (one sample from within the Building 31 basement and the other from the tunnel beneath the tracks to Building 43's yard) and analyzed for asbestos.	Results ranged between < 1.0% (Building 31 basement) and 24.0% (tunnel beneath tracks to Building 43's yard).

* This summary does not include sampling results from materials that are known to be no longer present at Building 31.

Table 3

General Electric Company
Pittsfield, Massachusetts
Brownfields Program

Summary of Available Pre-1999 Sampling Data for Building 31*

Date	Scope of Investigation	Summary of Results
January 1997	Five pre-clean wipe samples were collected from a steel pipe (formerly used to convey oil) removed from Building 31 and analyzed for PCBs.	Results ranged between < 2 $ug/100cm^2$ and 120 $ug/100cm^2$.
June 1997	Three composite samples were collected from refractory brick that was stockpiled within Building 31 and analyzed for PCBs and TCLP Metals.	PCB results did not identify PCBs above the laboratory detection limit of 1 ppm. TCLP results indicated that barium was present between 0.18 mg/l and 0.34 mg/l, and chromium between 0.07 mg/l and 0.1 mg/l. Remaining metals were not detected above laboratory detection limits.

* This summary does not include sampling results from materials that are known to be no longer present at Building 31.